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ANGIER L. GOODWIN, MAYOR

CITY OF MELROSE
MASSACHUSETTS

Annual Reports
1922

WITH

Mayor's Inaugural Address

Delivered January 2nd, 1922



PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN
UNDER THE DIRECTION OF THE CITY CLERK
AND SPECIAL COMMITTEE

THE COPLEY PRESS,
Melrose, Mass.
1923

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INAUGURAL ADDRESS OF
Hon. Angier L. Goodwin
Mayor of Melrose, Massachusetts
JANUARY SECOND
NINETEEN HUNDRED TWENTY-TWO

Mr. President and Members of the Board of Aldermen:

We start today a new year in the civic life of Melrose. Problems of considerable moment are calling for consideration. There has never been a time in the history of the city when it has been more essential for its officials to exercise their highest judgment. The tax payers look to us to keep the tax rate down, and yet we know that there are certain automatic increases in some city departments, and we are also confronted with the fact that there will be a decrease in the amount we shall receive from the State for corporation taxes. The conclusion is inevitable that we must make every effort to keep at a minimum the amount to be raised by taxation for current expenses.

But our responsibility is not only to the tax-payer of today; it is also to the citizen of tomorrow. We must go forward as a municipality. If we try to stand still, we shall go backward. We must be progressive. Many public improvements have been foregone in the past few years, which are now crying for attention. Some of these we should start this year. And this is our task; to exercise economy and at the same time be progressive; to give our people those public improvements which they see provided in other cities, and still act as faithful stewards of the municipal corporation purse which is placed in our hands as trustees for the tax-payers who pay the bills. This responsibility ought to be a sobering influence and insure our most careful and conscientious study of the problems which are before us.

Your Honorable Board have before you the matter of new school buildings. At an early date I shall submit to you certain facts and figures concerning the necessary land to be acquired and I shall hope that no obstacles may arise to prevent an early start in the erection of the proposed addition to the Warren School and a new building in Ward Seven. This will carry out the plan we had in mind and in pursuance of which the Legislature granted us authority to borrow two hundred thousand dollars outside the debt limit. The matter is of

first importance and until the appropriation is made to cover this initial step in our School building program we ought not to go very far in contemplation of other large enterprises.

One of the first major matters to engage your attention will be the proposed Memorial city hall. You will be able to approach a consideration of this question with two well established facts before you which are beyond dispute. First, the need of better accommodations for the municipal departments in city hall, and second, the desirability of an early determination of the form of memorial to be given by the city in commemoration of the valorous services of the veterans of the world war.

The present city hall is woefully inadequate for the decent dispatch of public business. Those who are responsible for the discharge of this business are the sufferers in the first instance, but the tax-payers, for whom the business is done, are the real sufferers in the long run. I will not enumerate specific examples of over-crowding, for it is a matter of common knowledge. Almost every department is tremendously handicapped by inadequate conditions. The citizens are entitled to a certain degree of privacy when they come to city hall on business and there is very little privacy possible under present conditions. Very few communities as progressive as ours would have tolerated so long the transaction of its public business under conditions so out of date. I believe our people are ready to approve a plan to combine in one structure quarters in which the various city departments may function in adequate and modern surroundings, and quarters to be dedicated to our heroes of the world war and used by them as a permanent headquarters. This proposition is so important, however, that it should have your most careful consideration before final action, and every reasonable opportunity should be afforded the citizens to examine and discuss with you such preliminary plans as you may have before you.

I urge once more the creating of a Board of Assessments Review to consist of fourteen citizens to be appointed, two from each ward, to pass upon the work of the Assessors in the valuation of real estate. A similar plan has been carried out in other cities with good results, and I firmly believe that this plan would result in a better feeling among our citizens as to the uniformity of valuation.

In my Inaugural Address of a year ago I recommended the passage of an ordinance to restrict the character of buildings on certain streets. Such ordinance failed of passage upon the rendering of an opinion of the former city solicitor that such action would be unconstitutional. It appears that this objection is now removed by an opinion of the Justices of the Supreme Court, and I recommend your early attention

to this very important matter. We should lose no time in zoning the city and thus regulate the character of buildings with reference to the particular location, in the interests of the proper future development of the community.

Among the things which I think the city has outgrown is the giving of the fire alarm and no-school signal by the stroke of a bell. I recommend instead the installation of a fire whistle.

I suggest that you make a careful study of the nomenclature of Melrose streets. Much confusion results from similarity of names. Certain streets are known by numbers, this being the remains of a somewhat ancient system of nomenclature which has since broken down and leaves a rather absurd situation. There is considerable confusion in the case of two sets of numbers on a street with the same name lying partly in Melrose and partly in Stoneham. That portion of this street which lies in Melrose should be renamed. A study of this situation will probably show a multiplication of confusing names and I believe such study would be well worth while.

I submit for your careful consideration the question of setting apart a suitable space on city land for a municipal camp-ground. Automobile touring with camp equipment is a western idea entirely out of the experimental stage, and has now taken a firm hold on every part of the country. I predict that Massachusetts cities within a very few years will be providing facilities for automobile campers. So far as I am advised the City of Springfield is the only one in the Commonwealth thus far to do this. I would like to see Melrose one of the first to follow. I am of the opinion that we would find our Board of Trade ready and eager to assume such slight burdens of this undertaking as a municipality, under Massachusetts laws, might be prohibited from doing.

The question of street railway transportation remains a bothersome one, and there is probably scant solace in the fact that the problem is not peculiar to Melrose, but exists in neighboring cities and towns. The public trustees have encountered difficulties which are readily apparent; on the other hand they have had a considerable time in which to bring about improvements in the service. Whether there has been any improvement is open to doubt. In the meantime we have been very patient. It is my purpose to begin with this new year to press vigorously for at least some tangible betterment of our street railway accommodations. We cannot in fairness, I suppose, expect a lower fare. I believe we have a right to expect the maintenance of a regular schedule of running time, a more flexible fare zoning, extra transfer privileges and the restoration of a through service to Everett Station of the Elevated. This I shall ask for.

I renew the recommendation which I made a year ago for the creation of a Recreation Commission to encourage, promote and regulate outdoor sports. This Board would supplement and not duplicate the activities of the Park Commission, the School Committee, the Board of Trade, and various other unofficial organizations. We have scarcely commenced to realize the value of giving to our boys and girls, to our young people, and to our outdoor enthusiasts of all ages, the utmost, consistent with our financial ability, in opportunities to engage in the various health-giving sports and games to be enjoyed in the open. Our playgrounds and possibly other vacant spaces should be sprayed for skating, space on Ell Pond kept free from snow, hockey developed, and a carnival held once every winter for exhibitions and contests in skating, skiing, snowshoeing and tobogganning. Various summer sports even more readily suggest themselves, including tennis, facilities for which we ought to provide to meet the present insistent demand. All these things make for better health, and help to insure a better citizenship of tomorrow, and the promotion and regulations of recreation deserves to be placed in the hands of a special administrative board.

I hope the city will adhere to the present policy of highway improvements. Our streets are generally in excellent condition, but I believe it is good economy to continue with highway construction and highway repairs just as far as our resources will permit. Your Honorable Board should exercise the best of good judgment in determining where the money available should be spent, having in mind the greatest good to the greatest number and a uniform development of the entire city without prejudice to any section. We should permanently construct as rapidly as conditions will allow the main entrance streets. My belief is that the next street construction propositions to be undertaken are Franklin Street and Swains Pond Avenue.

I hope to see this year a start made on a comprehensive plan to develop and improve a number of narrow ways, of which Dill's Court, is an example, situated almost in the heart of the city. This plan when finally carried out would greatly increase our valuation. I can conceive of no enterprise upon which we could embark at this time which would promise greater improvement or pay better dividends for the future.

We should improve the approach to Wyoming Cemetery from Lebanon Street. Sylvan Street from Main Street easterly to the main entrance is in good condition, but from that point to Lebanon Street the roadway is narrow and not wide enough for vehicles to pass. This part of Sylvan Street should be widened and macadamized and a granolithic sidewalk constructed. If anywhere we may well be jealous of physical surroundings, it is in the immediate approaches to our beautiful city of the dead.

The acquiring by the City of the Pleasant Street property now occupied by the city stables should be followed shortly by the discontinuance of this property for that purpose and its utilization for park purposes. I shall shortly forward to you plans for the erection of such a building on the Tremont Street city stables site as will enable the removal of all public works property as well as the unsightly building on the Keating lot. I shall recommend that this work be speedily done.

I urge your early consideration of the increasing need of a municipal garage. A suitable lot of land should be acquired reasonably near city hall upon which should be erected a modern structure capable of housing all the automotive apparatus of the city outside the fire department. The consummation of this plan, together with the provision for a city mechanician now pending before your Board, will, in my judgment, be an improvement distinctly justified from the standpoint of eventual economy.

The handling of the automobile traffic is bound to give us increasing trouble with each succeeding year. It is proposed to carry out in Melrose the system of uniform road markings endorsed by the state highway authorities, and to increase the number of so-called "silent policemen." But this is not enough. We must provide for greater protection to the public by having traffic officers stationed for longer hours at more prominent street intersections. I propose to have our policemen do less patrol duty and more traffic duty. An officer on traffic duty at a given corner may always be found in case of emergency. I further recommend that the police department should be supplied with a motorcycle to be used by a traffic officer for enforcing the laws against speeding which are now being pretty consistently violated in certain parts of the city. The perfection of the flying machine, apparently some years in the future, will solve to some extent the problem of congestion of motor vehicles in the public highways, but until that time comes we shall see this problem annually growing more acute, with gradually stiffening rules and regulations on the part of the state and local authorities. We should not hesitate to let it be known that Melrose is one city where automobile traffic rules and laws must be honored not in the breach but in the observance.

Under the recent constitutional amendment, the Commonwealth is now committed to biennial elections of state officials. The majority of the cities now have biennial elections for Mayor. I believe we should ask the Legislature for authority to establish a two-year term for Mayor in Melrose. With a citizenship like ours the possibility of the election of a corrupt or unsafe Mayor is remote. An annual election means the diverting into the channels of a political campaign of energies which ought to be centered in the orderly conduct of administrative affairs.

The greatly increased use of automobiles in winter gives rise to the problem of proper protection to boys and girls coasting in the street. It is wrong for the city to countenance the use of a street for coasting and not take reasonable steps to protect the coasters from the dangers of traffic. We should restrict the use of the highways for coasting to such streets as we are able to adequately cover at street intersections by traffic policemen.

Melrose is fortunate in having a revitalized merchant's organization in its Board of Trade. We should take every opportunity to cooperate with the Board of Trade in every movement looking to the upbuilding of the city, and we should in return of course expect their cooperation with the city government. The prosperity of our local merchants is indissolubly linked with the prosperity of the city and all its people. A full realization of this fact on the part of every citizen would be a tremendous step in the physical and civic upbuilding of Melrose. The city government should also strive to cooperate in every proper way with every other organization in the city which stands for civic improvement. In every concerted movement along these lines there is but one common interest, and that is making the city in which we live a better city in which to live.

And now, Honorable Aldermen, may I say in conclusion, that I desire nothing in the coming year more earnestly than I desire your cooperation. I desire to work with you in a harmonious effort to fulfill our common obligation to the people who have entrusted us with power. Let us resolve tonight, as we stand on the threshold of a new year, that we shall so act as public officials that when we come to account for our stewardship at the end of 1922, our citizens may be able to say that this city government has done what it could to make Melrose grow; that this city government has done what it could to keep Melrose clean.

GOVERNMENT

of the City of Melrose, 1922

Mayor

ANGIER L. GOODWIN

President of the Board of Aldermen

H. RAY WILSON

City Clerk

W. DeHAVEN JONES

Office, Mel. 0080

Res., Mel. 0275-R

Aldermen-at-Large

	Ward
George H. Jackman, 3 Carney Terrace.....	4
Leslie F. Keene, 146 Wyoming Ave., West.....	5
Arthur L. Marr, 236 Foster Street, East.....	6
Carl E. Shumway, 25 Bellevue Avenue.....	4
William A. Carrie, 22 York Terrace.....	1
John Dike, 112 Emerson Street, West.....	4
Llewellyn H. McLain, 76 Wyoming Avenue, East.....	5

Ward Aldermen

Frank S. Leavitt, 36 York Terrace.....	1
Winfield C. Littlefield, 200 Melrose Street.....	1
Lorenzo J. Peabody, 1087 Main Street.....	2
H. Ray Wilson, 818 Main Street.....	2
Joseph R. Hebblethwaite, 26 High Street, North.....	3
Benning L. Wentworth, 75 Beech Avenue.....	3
Lorin A. Presby, 20 Emerson Place.....	4
Willis A. Smith, 21 Lake Avenue.....	4
Charles B. Camerlin, 88 Florence Street.....	5
Chester I. Chase, 1 Alden Street.....	5

Walter F. Chapman, 321 Foster Street, East.....	6
Walter A. T. Norris, 136 Foster Street, East.....	6
Jesse H. Holt, 103 Meridian Street.....	7
Nelson J. Sanford, 379 Swain's Pond Avenue.....	7

**MELROSE BOARD OF ALDERMEN
STANDING COMMITTEES FOR 1922**

Appropriations

Alderman Carrie, Chairman. Dike, Keene, McLain, Sanford, Shumway,
Norris, Presby and Camerlin

Education, Health and Charity

Alderman Norris, Chairman. Presby, Jackman, Marr, Camerlin,
Smith and Holt

Finance

Alderman Dike, Chairman. Peabody, Carrie, Norris, Sanford, Leavitt
and Holt

Highways

Alderman Keene, Chairman. Sanford, Littlefield, Shumway, Peabody,
Chapman and Hebblethwaite

Protection and Licenses

Alderman McLain, Chairman. Camerlin, Wentworth, Chapman, Smith,
Hebblethwaite and Chase

Public Service

Alderman Shumway, Chairman. Wentworth, McLain, Keene, Marr,
Littlefield and Leavitt

Legal and Legislative Matters

President Wilson, Chairman. Jackman, Carrie, Dike, Peabody, Presby
and Chase

Clerk of Committees

VICTOR C. KIRMES

City Officers

City Clerk

W. DeHAVEN JONES

Assistant City Clerk and Clerk of Committees

Victor C. Kirmes

City Treasurer

William R. Lavender

City Collector

William A. Carrie

City Auditor

William T. Wolley

Engineer and Superintendent of Public Works

George O. W. Servis

Mayor's Clerk

Blanche E. Nickerson

City Solicitor

Charles H. Gilmore

Chief of Fire Department

Joseph Edwards, retired

Frank C. Newman

Chief of Police

George E. Kerr

Inspector of Buildings

William S. Allen

CITY OF MELROSE

Inspector of Plumbing

Andrew J. Burnett

Inspector of Food

David O. Parker

Inspectors of Slaughtering

David O. Parker

Calvert H. Playdon

Inspector of Milk and Vinegar

H. E. Berger, Jr.

Collector of Milk Samples

Thomas F. Harris

Inspector of Animals

Calvert H. Playdon

Sealer of Weights and Measures

Philip B. Carruthers

Superintendent Brown Tail and Gypsy Moth

John J. McCullough

Burial Agent

Mary A. Kenah

Agent State Military Aid and Soldiers' Relief

Mary A. Kenah

Assessors

Fred'k W. Patten, term expires 1925

Joshua T. Nowell, term expires 1923

John C. Crolly, term expires 1924

Assistant Assessors

Nellie L. Messenger

Mary Anderton

Harriett C. Holdich

Inspector of Wires

Fred A. Edwards

Board of Health

Clarence P. Holden, M. D., Chairman

William A. Tomer

Melvin A. Walter

Lillian H. Wiley, Clerk

City Physician

Clarence P. Holden, M. D.

School Physicians

Elizabeth Hirst

Edward L. Marr

Albert E. Small

Public Health Nurse

Mrs. Myrtle S. Meriam

Overseers of the Poor

Adeline G. Reed, Chairman

Thomas F. Troy

Eugene L. Pack

Pratt Farm

Closed November 1, 1918

Park Commission

Addison L. Winship, Chairman.....	Term expires	1924
Andrew F. Evers, resigned; Richard H. Lord.....	" "	1925
Robert A. Perkins.....	" "	1923
Harry N. Vaughn.....	" "	1922
Gustaf E. Johnson.....	" "	1926

School Committee

William Coggeshall, Chairman.....	Term expires	1923
Josiah D. Bullens.....	" "	1923
F. Janet Habberley.....	" "	1924
Isabelle Stantial.....	" "	1924
Paul H. Provandie.....	" "	1924
William B. Alexander.....	" "	1922
William T. Atwood.....	" "	1922
Harry F. Sears.....	" "	1922
Mabel B. Dole.....	" "	1923

Sinking Fund Commissioners

Edward J. Kitching, Chairman.....	Term expires	1925
Franklin P. Shumway.....	" "	1923
Everett L. Fuller, deceased; Maurice G. Cochrane...	" "	1924

Trustees of Public Library

Rev. Paul Sterling, Chairman.....	Term expires	1924
Clara G. Muldoon.....	" "	1925
Neil Divver.....	" "	1925
Frank W. Campbell.....	" "	1923
Mary C. Barton.....	" "	1923
Ralph G. Harman.....	" "	1924

Cemetery Committee

Willis C. Goss, Chairman	J. Henry Kunhardt
Peter H. Ackerman	
Victor C. Kirmes, Clerk	
Roscoe A. Leavitt, Supt. Wyoming Cemetery	
Richard J. T. Roome, Inspector of Graves of Soldiers and Sailors	

Registrars of Voters

Edwin L. Cragin, Chairman.....	Term expires	1925
John J. Keating.....	“ “	1923
Edwin J. Tirrell.....	“ “	1924

W. DeHaven Jones, City Clerk, ex-Officio

Engineers of Fire Department

Joseph Edwards, Chief, retired; Frank C. Newman
Charles F. Woodward, Deputy Chief

Public Weighers of Merchandise

Fred H. Goss	John F. Rand
Flora M. Harris	Charles B. Goss
Grace F. Gilbert	Patrick J. Kervin
Glenna B. Towner	James G. Stiles
Patrick G. DeCourcy	George E. Findlay
Josiah Ginns	Enoch R. Pye
James McTiernan	Richard T. Ricker
Charles F. Woodward	Arnold K. Prior
Mrs. M. A. McDonough	Dennis J. Murphy
Albert J. Waghorne	John T. Craven
Robert A. Dickson	Clifford Thompson
James H. Jeffery	Edward A. Hearstin

C. Raymond Herald

Field Driver

M. James Hanley

Pound Keeper

M. James Hanley

Fence Viewers

Daniel J. Lucey

Lewis C. Hoyt

Charles H. Everson

Constables

William H. Burns
Louis B. Heaton

M. James Hanley
George E. Burke

CITY OF MELROSE

Dog Officer

M. James Hanley

Keeper of the Lock-up

George E. Kerr

Police Officers

George E. Kerr, Chief	Louis B. Heaton, Captain
George E. Fuller	Allston H. Pineo
Wallace B. Eaton	Frank N. Pierce
Garfield Carpenter	Michael Reardon
Daniel J. Foley	Albert A. McBeth
Frederick M. Kirmes	William A. Riley
Michael J. Brennan	William T. Fahy, Inspector
Patrick H. O'Leary	Joseph V. Curran
Robert A. Lloyd	Harold S. Wolley

Reserve Officers

Walter Herbert Wells	Harvey D. Forbes
John W. Holden	Edwin E. Spraker

Special Officers

M. James Hanley	Burgess W. Grover
Edgar Sherburne	Joseph A. Lavin

Special Officers to Serve Without Pay

Edward P. McLaughlin	George H. Cray
Arthur S. Moreland	O. S. Davenport
Roscoe A. Leavitt	Harry H. Thompson
F. C. Newman	Charles J. Wing
Charles W. Burnham	George W. Higgins
Wm. H. Winfield	Chester W. Woodbury
A. B. McIlwraith	Leon F. Crane
Philip B. Caruthers	John J. McCullough
	Elias H. Hislop

Planning Board

Agnes L. Dodge.....	Term expires	1923
Frank H. Noyes.....	" "	1922
E. Gertrude Copeland.....	" "	1922
Albe S. Noyes.....	" "	1922
Robert L. Briggs.....	" "	1924
Eva G. Osgood.....	" "	1924
Albert F. Hussey.....	" "	1924
Edward E. Prior.....	" "	1923
George C. Glover.....	" "	1923

Advisory Committee on Memorial Building

Dr. Frank A. Newman.....	Term expires	1925
Clarence T. Fernald.....	" "	1925
Fred E. Ellis.....	" "	1925
Elmer Wilson.....	" "	1925
Fredeirck U. Corson.....	" "	1924
Nellie F. Luce.....	" "	1924
Ethel G. Collins.....	" "	1924
Elizabeth M. Stetson.....	" "	1924
Edward L. Evans.....	" "	1923
J. Sydney Hitchins.....	" "	1923
Dr. Walter H. Flanders.....	" "	1923

Board of Survey

E. Copeland Lang.....	Term expires	1923
William N. Folsom.....	" "	1922
William E. Waterhouse.....	" "	1924

Annual Report of the School Dept.

School Committee for 1923

Name	Residence	Term Expires
Harry F. Sears	44 Oris St.	1925
William Coggeshall	158 E. Foster St.	1924
Mrs. Mabel B. Dole	24 W. Emerson St.	1923
Mr. Josiah D. Bullens	254 Porter St.	1923
Mr. Henry N. Andrews	54 York Terrace	1925
Mr. Frank J. Sherman	167 Porter St.	1925
Mrs. Isabelle Stantiall	146 Florence St.	1924
Mr. Elmer O. Goodridge	463 Lebanon St.	1924
Mrs. F. Janet Habberley	17 Bellevue Ave.	1924
William Coggeshall, Chairman	Herman H. Stuart, Secretary	

Meetings of the Committee

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the first Monday of every month, except during July and August, at 7.30 p. m.

Superintendent of Schools

Herman H. Stuart 11 Bartlett Street
Office: High School Building—Tel. Office Melrose 2284, and 2285
Residence, Mel. 0609-M

Secretary

Gladys W. Tower 109 Highland Ave., Melrose
Tel. Melrose 1039-R

STANDING COMMITTEES

Finance and Supplies

Mr. Bullens Mr. Sears Mr. Sherman Mr. Goodridge Mr. Andrews

Schoolhouses and Janitors

Mr. Sherman Mr. Goodridge Mr. Bullens

Teachers and Salaries

Mr. Sears Mrs. Habberley Mrs. Dole Mrs. Stantial

Text Books and Courses of Study

Mrs. Stantial Mrs. Dole Mrs. Habberley Mr. Andrews

The Chairman of the School Committee is a member, ex-officio, of all standing committees.

SPECIAL COMMITTEES

Legislative

Mr. Coggeshall

Mr. Sears

Mr. Bullens

VISITING COMMITTEES

High School.....	School Committee
Franklin and Whittier Schools.	Mrs. Dole
D. W. Gooch School.....	Mrs. Stantial
Mary A. Livermore.....	Mrs. Habberley
Washington School.....	Mr. Sears
Lincoln School.....	Mr. Sherman
Warren School.....	Mr. Andrews
Sewall and Ripley Schools.....	Mr. Goodridge
Winthrop School.....	Mr. Bullens

SCHOOL CALENDAR FOR 1922-1923

FALL TERM 1922

Closes December 20 at noon.

WINTER TERM 1923

Open January 3, and closes February 16.

SPRING TERM 1923

First Half: Opens February 26 and closes April 27.

Second Half: Opens May 7 and closes June 22.

FALL TERM 1922

Opens September 12.

HOLIDAYS DURING TERM TIME

Every Saturday, New Year's Day, Washington's Birthday, Patriots' Day, Memorial Day, October 12 and Thanksgiving Day with the half day preceding and the day following it.

"NO SCHOOL" SIGNAL

Notice of "no school" will be given by striking the number 22 four times upon the fire alarm, and by sounding the whistle at Factory No. 2 of the Boston Rubber Shoe Company.

The signal will be sounded at 7.15 a. m. for no session in the High School, and at 8.15 for no morning session in all grades below the High School. In case there is to be no afternoon session, the signal will be sounded at 12.45.

Report of Superintendent of Schools

To the School Committee of Melrose,

Ladies and Gentlemen:—

I take pleasure in presenting this my first annual report as Superintendent of Schools which is also the thirty-third report of a Superintendent of Schools of your city.

The usual statistical matter will be found in another part of this volume to which I respectfully call your attention.

The assumption of my duties here has been of such recent date that this report will be of the briefest sort since it is obviously impossible for me to make anything like a comprehensive report with the limited knowledge of your problems and needs which I now possess.

Such a report, attempted at this time, would not only be hazardous to me as a Superintendent, but practically useless to you as a guide in your future deliberations. Therefore, I shall confine myself to a consideration of only such things as are of immediate concern and have compelled my attention to a degree which has made necessary the forming of conclusions in my own mind. Among those things which are outstanding among the needs of your schools is the exigency which exists in the proper housing of your school children. The situation in which your city finds itself in this respect is one which has come about through failure on the part of the city, in the past, to meet completely its obligation to the children. The overcrowding of class rooms is a condition which most communities experience occasionally but seldom is one found where congestion is allowed to progress to the point where the proper education of the children is seriously interfered with as is the case in this city.

In order that the education of the children may go forward uninterruptedly and effectively, it is necessary, first of all to have school-rooms not only healthful and comfortable but also sufficient in number.

A solution of the present situation is made doubly difficult because of the fact that congestion has now spread to many parts of the city which has given rise to a situation in which each congested quarter feels, and properly so, that it should have its school building first. To satisfy the demands of all at this time is obviously impossible unless the building program assumes greater proportions than is apparent at this time.

The recommendations of the Mayor in his inaugural which were somewhat amplified by your committee in your initial recommendation

to the Board of Aldermen on Jan. 22, 1923, seem to me to be thoroughly sound and as satisfactory a solution of the entire problem as can at this time be set forth within the limits of the appropriation.

These recommendations provide for the most pressing needs in all the congested areas and leaves the school committee free to accept in the future any form of school organization which you may choose. Inasmuch as the powers of the school committee are limited to a mere recommendation, the program as ultimately carried out, both as to buildings and locations, rest with the Board of Aldermen. It is therefore obvious that your committee has done its full duty when it has made a definite recommendation looking forward to immediate and permanent remedy.

In closing, I wish to comment upon the professional attitude and loyalty of the teaching staff which has been not only gratifying but inspiring. Also, to express my appreciation of the confidence and cooperation accorded me by your committee in allowing me a large measure of freedom in initiating some policies different, at least, from those to which you have been accustomed.

Respectfully submitted,

HERMAN H. STUART,

Superintendent of Schools.
IN SCHOOL COMMITTEE,
1923.

It was VOTED

To accept the report of the Superintendent of Schools and to adopt the same as the annual report of the School Committee for the year 1922.

TOTAL COST OF ELEMENTARY SCHOOLS

School Year, 1921-1922

General Control

General Administration Salaries	\$3,162.74
Other General Salaries	1,593.26
Other General Expenses	760.96

Instruction

Teachers' Salaries	119,523.15
Text Books and Supplies	5,521.26

Operation of School Plant

Janitors' Services	9,985.09
Fuel	4,519.59
Water, Light and Miscellaneous	1,340.07

Maintenance of School Plant

Repairs, Replacement, and Upkeep	9,653.39
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Auxiliary Agencies

Promotion of Health	900.00
Transportation	1,100.00
Tuition and Miscellaneous	561.55

Total	\$158,289.36
New Equipment	

Total	\$158,289.36
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AVERAGE COST PER PUPIL, ELEMENTARY SCHOOLS

for these items, for the School Year, 1921-1922, based on the average membership (2378) was as follows:—

General Contract

General Administration Salaries	\$1.33
Other General Salaries	.67
Other General Expenses	.32

Instruction

Teachers' Salaries	50.26
Text Books and Supplies.....	2.32

Operation of School Plant

Janitors' Services	4.20
Fuel	1.90
Water, Light, and Miscellaneous.....	.56

Maintenance of School Plant

Repairs, Replacement, and Upkeep.....	4.06
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Auxiliary Agencies

Promotion of Health.....	.38
Transportation	.46
Tuition and Miscellaneous.....	.24

Total	\$66.70
New Equipment	

Total	\$66.70
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TOTAL COST OF HIGH SCHOOL

For these items, for the School Year, 1921-1922, based on the average membership (642) was as follows:—

General Control

General Administration Salaries.....	\$853.86
Other General Salaries.....	430.14
Other General Expenses.....	205.44

Instruction

Teachers' Salaries	61,125.00
Text Books and Supplies.....	3,922.79

Operation of School Plant

Janitors' Services.....	4,992.54
Fuel	4,379.42
Water, Light, and Miscellaneous.....	988.03

Maintenance of School Plant

Repairs, Replacement, and Upkeep.....	4,545.94
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Auxiliary Agencies

*Tuition and Miscellaneous.....	500.94
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Total	\$81,944.10
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New Equipment	4,777.71
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Total	\$86,721.81
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* Includes Evening School Tuition.

AVERAGE COST PER PUPIL, HIGH SCHOOL

For these items, for the School Year, 1921-1922, based on the average membership (642) was as follows:—

General Control

General Administration Salaries.....	\$1.33
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Other General Salaries.....	.67
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Other General Expenses.....	.32
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Instruction

Teachers' Salaries	95.21
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Text Books and Supplies.....	6.11
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Operation of School Plant

Janitors' Services	7.78
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Fuel	6.82
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Water, Light, and Miscellaneous.....	1.54
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Maintenance of School Plant

Repairs, Replacement, and Upkeep	7.08
--	------

Auxiliary Agencies

Tuition and Miscellaneous.....	.75
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Total	\$127.61
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New Equipment	7.44
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Total	\$135.05
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TOTAL COST OF ALL SCHOOLS

School Year, 1920-1921

General Control

General Administration Salaries	\$4,000.00
Other General Salaries	2,029.96
Other General Expenses	969.67

Instruction

Teachers' Salaries	180,648.15
Text Books and Supplies	9,444.05

Operation of School Plant

Janitors' Services	14,977.63
Fuel	8,899.01
Water, Light, and Miscellaneous	2,328.10

Maintenance of School Plant

Repairs, Replacement, and Upkeep	14,199.33
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Auxiliary Agencies

Promotion of Health	900.00
Transportation	1,100.00
Tuition and Miscellaneous	1,062.49

Total	\$240,558.39
New Equipment	4,777.71

Total	\$245,336.10
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AVERAGE COST PER PUPIL OF ALL SCHOOLS

Based on average membership (3020)

General Control

General Administration Salaries	\$1.33
Other General Salaries	.67
Other General Expenses	.32

Instruction

Teachers' Salaries	59.82
Text Books and Supplies	3.13

Operation of School Plant

Janitors' Services	4.96
Fuel	2.95
Water, Light, and Miscellaneous	.77

Maintenance of School Plant

Repairs, Replacement, and Upkeep	4.70
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Auxiliary Agencies

Promotion of Health	.30
Transportation	.36
Tuition and Miscellaneous	.35

Total	\$79.66
New Equipment	1.58

Total	\$81.24
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SUMMARY OF THE PRINCIPAL'S REPORTS FOR THE SCHOOL YEAR, 1921-1922

1. By Schools

SCHOOLS	Number of Different Pupils Enrolled Exclusive of Re-enrollments	Number of Boys	Number of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High School	677	366	311	612.41	620.21	96.55
Franklin	327	157	157	309.96	294.32	94.97
Whittier	227	227	115	220.40	204.06	92.57
Washington	531	258	273	517.07	490.68	95.16
Livermore	181	85	96	170.65	162.60	95.25
Sewall	165	87	78	152.85	141.51	92.38
Lincoln	333	182	151	322.77	300.25	93.21
Gooch	309	153	156	323.96	305.75	93.37
Warren	189	94	95	182.55	166.63	92.24
Winthrop	148	87	61	146.65	135.22	92.08
Ripley	36	17	19	31.06	28.96	93.58
Totals.....	3,123	1,598	1,525	3,020.13	2,850.22	93.66

SUMMARY OF THE PRINCIPAL'S REPORTS FOR THE YEAR 1921-1922

1. By Grades

GRADES	Number of Different Pupils Enrolled Exclusive of Re-enrollment	Number of Boys	Number of Girls	Average Membership	Average Attendance	Per Cent of Attendance
High School	677	366	311	642.41	620.21	96.55
Eighth	261	125	136	256.68	245.58	95.75
Seventh	287	141	146	270.36	262.30	95.85
Sixth	290	132	158	282.92	266.52	94.21
Fifth	301	152	149	292.87	278.82	95.17
Fourth	323	170	153	313.43	294.66	93.97
Third	300	158	142	309.49	284.07	93.28
Second	346	181	165	334.58	306.15	90.01
First	338	173	165	322.39	291.91	88.15
Total	3,123	1,598	1,525	3,020.13	2,850.22	93.66

NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS

December 31, 1922

	Male	Female	Total
High (Grades IX, X, XI, XII).....	9	21	30
Grammar (Grades V, VI, VII, VIII)...	0	37	37
Primary (Grades I, II, III, IV).....	0	40	40
Supervisors, Music	1	1	2
Drawing and Sewing.....	0	2	2
Manual Training	2	0	2
Primary	0	0	0
Physical Education	1	1	2
Americanization	0	1	1
Nurse	0	1	1
	13	104	117

NUMBER OF PUPILS IN DIFFERENT GRADES

December 31, 1922

Primary, Grade I	322
Grade II	317
Grade III	338
Grade IV	320
Grammar, Grade V	332
Grade VI	312
Grade VII	295
Grade VIII	245
High, Freshman Class	270
Sophomore Class	203
Junior Class	165
Senior Class	117
Post Graduate Class	5
Total	3,241

AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES

September, 1922

Primary,	Grade I	6 years 4 months
	Grade II	7 years 6 months
	Grade III	8 years 6 months
Grammar,	Grade V	10 years 7 months
	Grade VI	10 years 4 months
	Grade VIII	13 years 7 months
High,	Freshman Class	14 years 1 month
	Sophomore Class	15 years 6 months
	Junior Class	16 years 5 months
	Senior Class	17 years 3 months
	Post Graduates	18 years 4 months

APPENDIX

MELROSE HIGH SCHOOL

Graduation Exercises

Class of 1922

Memorial Hall, Evening of June Nine, at Eight Five o'clock

PROGRAM

OvertureGruenwald

Invocation

Rev. Laurence W. C. Emig

Chorus—"The Italian Street Song".....Herbert

Salutatory and Essay—"The Near East, a Blot on Civilization"

Ruth Marion Knapp

Andante Religioso.....Gillet

Harp, Strings, and Organ

Essay—"France and Her People"

Anna Wight Burr

Award of Fidelity Prizes in Mathematics

Ruth Marion Knapp

(President of the Euclidean Society)

Chorus—"The Miller's Wooing".....Faning

Valedictory and Essay—"The Duty and Opportunity of the
United States to Promote International Friendship"

Theodore Jerome Cutting

Presentation of Diplomas

Mr. William Coggeshall

Chairman of the School Committee

Final March—"The Regiment's Return".....Crosby

"America"

The Class and Audience

Organ and Orchestra

High Honors

Those who have average A's and B's for four years—with more than seventy-five per cent of A's.

Theodore Jerome Cutting

Ruth Marion Knapp

Anna Wight Burr

Honors

Those who averaged A's and B's for four years:

Constance Carter

Josephine E. Connors

Wilbur D. West

Prizes Awarded June, 1923

Fidelity Prize by Euclidean Society (a prize awarded for good work and faithful application, sometimes even though pupil may be working under a handicap).

Janette S. Wood

J. Hubert Godfrey

Washington and Franklin Medal awarded by the Massachusetts Society Sons of the American Revolution for excellence in the study of United States History.

William MacLean Pierce

ORCHESTRA

Director of Choral and Instrumental Music

Melrose High School

Mr. Elmer Wilson

Violins

Geraldine Appler

Cecelia Bowes

Philip Brown

Ruth Burwell

Eleanor Van Buskirk

Doris Chisholm

Alvin W. Curtiss

Gertrude Grossman

Sheldon Jones

Annie Levinè

Holbrook Metcalf

Perley Perkins

Evelyn Pratt

Albert Sawyer

Paul Sherman

Amy Simpson

Hazel Stevens

Albert Waltz

Christine Wellock

Julian White

Violoncellos

Margaret E. Davis
Elinor Day
Elizabeth Stevens

Saxaphones

Robert Friend (E flat)
Marion Jepson (c)
Lawrence Tucker (c)

Drums

Lewis Rich

Harp

Priscilla Smith

Trumpets

Elwood Flint
Evans Gourley
Erwin Paddock
Philip Staples

Pianists

Lothrop Dodge
Frank Stratton

Librarian

Frederick Clark

CLASS OF 1922

Marie Adele Aitken	Alfred E. S. Keough
S. Robinson Aldrich-Ames	Edwin Harlan King
Anna Elizabeth Allstrin	Ruth Marion Knapp
Dorothy G. Babbidge	Katharine Elizabeth Knowlton
James Anthony Barrett	Hildegarde E. Lossone
Kenneth Leroy Barrett	Sally Lovell
Dean Batchelder	Roland Joseph McCormack
Mabel Cleaveland Bavier	James R. McCormick, Jr.
Arthur Roscoe Beal	Helen M. McFarland
Philip Edward Brown	Lillian M. McIlwraith
Marion Evelyn Brown	Mary E. McNeil
Anna Wight Burr	Beulah E. Miller
Earl Richards Carle	John F. Mollins
Lillian Frances Carr	Dorothy L. Morrill
Constance Carter	Marjorie Alma Mosher
Marjorie Hewitt Coburn	James Paul Murphy
William Carlton Collister	William MacLean Pierce
Lloyd Elmore Conn	Stanley Whitney Pitman
Josephine E. Connors	Kathryn Pope
Howard P. Cummings	Gladys M. Pratt
Theodore Jerome Cutting	Abby O. Price
Robert Harrison Dale	Marion Proctor
Ralph W. Dodge	Martha Rand
William Franklin Dodge	Gerald S. Russell
Alice Virginia Dole	Arthur Cary Shattuck
Helen Irene Driver	Richard Estabrook Smith
Adah Ruth Emery	John B. Solomon
George E. Farland	H. Leslie Swift
Ruth Gertrude Foley	Grace Eldredge Thomas
Horace A. Gardner	Cedric Meredith Thompson
Louise Gilchrist	Isabel Effie Thompson
Edwin H. Given	John Talbot Timlin, Jr.
Dorothy Clark Gladding	Ruth N. Towle
Jeannette L. Guild	Lawrence Emery Towne
Alice Hall	Doris B. Trites
Robert S. Harris	Ralph Herbert Warren
Harold Curtis Hatch	Harry P. Waterman
Lynnwood E. Hatch	Christine Lewis Wellock
Theron McDowell Hatch	Wilbur D. West
Perley Heaton	Julian Burnette White
Gordon R. Hope	Emma Adelaide Whittier
Helen Louise Jepson	Warren Hobbs Wilson
Luther P. Johnson	Mae Alberta Wood
Christopher T. Kelley	Ada Doris Wortman
Constance Frederick Kennedy	

PUPILS PROMOTED FROM THE EIGHTH GRADE TO THE
HIGH SCHOOL, 1922

Eighth Grade, Lincoln School

Boys

Gustave W. Bagley
Philip S. Benjamin
George E. Chamberlain
Richard D. Gove
James L. Hall
Wesley F. Huse
Francis F. La Fond
Charles L. McCarthy
Parker W. Perry
Sterling R. Richards
Donald W. Smith

Helen C. Holzwarth
Helen F. Kennedy
Helen T. Mather
Eileen B. McKenna
Agnes C. Rafalko
Edith W. Smith
Marie E. Smith
Frances Thompson
Marjorie C. Truesdell
Dorothy L. Varney

Girls

Betty Adams
Lillian F. Babcock
Elsa L. Berry
Evelyn C. Burt
Elizabeth Cummings
Eunice Doucette
Helen M. Fudge
Doris E. Hodgkins

Conditioned

John C. Dawes
Herbert A. Pfeifer
Lester C. Simmons
Frank Wilk

Girls

Pauline Gershon
Rose T. Kooyoumjian
Eva G. Osgood

Eighth Grade, D. W. Gouch

Boys

Allen Chapin
Albert Clarke
Kenneth Crossman
Edward Dopovan
Alan Dow
Edward Greenleaf
Chester Horton
Cyril Johnston
Bronislaw Kasprzak
Russell Statson
Albert Whitney

Silvia Dilyock
Elizabeth French
Gladys Gibbons
Regina Gross
Betty Mathias
Marguerite Murphy
Gertrude A. Peters
Agnes Stevens
Natalee Sturgess
Viola Van Horn

Conditioned

Girls
Elizabeth Bary
Lauraine Beane

Ruth Barrows
Laura Brand
Gladys Johnson

Eighth Grade, M. A. Livermore**Boys**

Ronald M. Bricher
Donald P. Felt
Richard W. Flanders
Sherman H. Jones
Robert B. Lovell
Russell W. Maccabe
George N. Maguire
George L. Maidrand
Kenneth B. Morehead
Lester R. Moulton
Philip E. Newman
Paul H. Provandie
Eric N. Sherburne
Harold W. Stevens
Chester W. Turner
Howard A. Winson

Girls

Jennie M. Atwood
Edith H. Austin

M. Barbara Burr
Josephine H. Dow
Helen Glenn
Muriel B. Johnson
Katherine B. Lang
Dorothy R. Meriam
Margaret E. Quinn
Irene U. Rendall
G. Margaret Rourke
Elisabeth Small
M. Gertrude West

Conditioned

Franklin Carr
Burgess P. Coy
Launcelot J. Leonard

Girls

Ruth B. Ferguson
Mildred F. Nash
Mary B. Page

Eighth Grade, Washington**Girls**

Geraldine E. Marsh
Mary E. Milano
Esther L. Nourse
Marjorie A. Weeks
Sadie C. Burns
Gwendolin A. Cook
Z. Claire Currier
A. Louise Carlson
Marion F. Davis
M. Elizabeth George
Hazel M. Hamilton
Thelma H. Johnston
Muriel C. Keene

Doris E. Livingston
Florence O. Nordstrom
Ruth Perry
Mary Rotondi
Shirley Smith
Esther M. Souther
Dorothy L. Wright

Conditioned

Marion G. Davidson
Irene V. Graham
Bertha E. Nash
Mabel I. Sanborn
Frances M. Turner
Ellen E. White

Boys

Ralph O. Andrew
 Lawrence F. Asplind
 John W. Baisey
 Gunnar T. Cempe
 William Cope
 Ernest G. Johnson
 Oscar E. Lawson
 Peter J. Lloyd
 Edward J. Luff
 Alexander N. Macleod
 Andrew Paton
 Redford M. Rand, Jr.
 Francis F. Roche
 Lawrence F. Sanford
 Edmund J. Coye

William A. White
 Richard Foster
 George Gladding
 Alfred M. Hall
 J. Dalton Harrow
 Everton H. Loveless
 C. Walter Mahan
 Donald M. McBeth
 Ralph A. MacKenzie
 James M. Norris
 F. Richard Pierce
 Albert B. Wells
 Lester W. Waterman

Conditioned

Merle G. Howe

Eighth Grade, Franklin**Girls**

Elizabeth B. Anderson
 Ruth Anderson
 Marion G. Bourne
 Carolyne Crowell
 Audrey I. Foss
 Mary E. Goodwin
 Edith M. Hanscom
 Elizabeth C. Leslie
 Dorothy C. Loring
 Carolyn MacDonald
 Rosalie McCormick
 Emily McKenzie
 Elisabeth Nason
 Eleanor G. O'Malley
 Frances Storey
 Esther E. Sweet
 Barbara Taylor
 Constance Walcott
 Jane N. Emery
 Mary C. Bell
 Thalia Dillaway
 Dorothy E. Fogg
 Zeta M. Folger
 Elizabeth H. Mullock

Helen T. Richardson
 Clara P. Rines
 Ardis L. Sanford
 Helen C. Sayward
 Dorothy B. Smith
 Nadine F. Stephen
 Evelyn P. Stevens
 Edith V. Tower
 Dorothy C. Walker

Conditioned

Olive E. Clark
 Dorothy F. Bailey
 Frances J. Ring

Boys

Eliot C. Bell
 Raymond M. Butler
 Elbridge A. Darrah
 Alexander Dubrofsky
 Herman F. Ehlert
 Howard N. Furber
 William R. Lincoln
 Elmer D. Lindquist
 Michael Muskavitz
 Lester C. Peabody

Boys

Mario Sartori
Frank B. Tarr
Irving E. Thomas
Norman F. Wells
Frederick T. Wiggin
Donald Allman
Wallace F. Baldwin
Earle S. Clarke
Philip A. Coleman
Ellis H. Dean
Louis R. Gardner
Winthrop K. Garniss
Curtis H. Glover
Simon Goldfarb
Ashton E. Gourley

Joseph G. Huckins
Raymond C. Kidd
Arthur F. Kittredge
Herbert J. Lucy
Edward J. Muldoon
Frederick G. Muzzy
Curtis S. Plant
Chester H. Roberts
Benjamin G. Shaw
Douglas P. Sladen
Gerald R. Smith
Donald Whiston

Conditioned

Wesley Hodsdon
Parker G. Shelton

Assessors' Report

December 31, 1922.

Hon. Paul H. Provandie, Mayor,
Melrose, Mass.

Dear Sir:

We herewith submit the following report of the Assessing Department for the year ending December 31, 1922.

TAXABLE VALUATION OF THE CITY

Real Estate	\$20,486,550.00
Personal Estate	2,617,950.00
	\$23,104,500.00

Rate of Taxation \$32.60 per \$1,000.00

Amount Raised on Property and Polls

Real Estate	\$667,861.53
Personal Estate	85,345.17
5,424 Polls at \$5.00 each	27,120.00
	\$780,326.70

Budget

State Tax	\$46,560.00	
County Tax	29,576.48	
Metropolitan Sewer Tax	21,359.60	
Metropolitan Park Tax	14,037.11	
State Highway Tax	557.06	
Charles River Basin Tax	2,213.39	
Fire Prevention Tax	232.67	
War Bonus 5,424 Polls at \$3.00	16,272.00	
City Budget	684,835.78	.....
Overlay	19,182.61	
	\$834,826.70	
Less Income Tax	\$31,500.00	
Less School Fund	23,000.00	
	54,500.00	
		\$780,326.70

ADDENDUM

Year	Census	Dwellings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valuation	Rate per \$1,000	City Appropriation	Sewerage Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
1900	12,715	3,237	3,650	\$7,582,525	\$4,398,150	\$11,980,675	\$797,690	\$12,778,365	\$18.00	\$199,837.41	\$9,431.01	.....	\$6,645.00	\$11,857.11	\$9,540.04	\$237,310.57	1900
1901	12,781	3,248	3,711	7,610,850	5,993,025	13,603,875	1,285,890	14,890,765	16.20	206,635.82	9,727.23	.....	7,473.50	13,388.55	*11,468.29	248,652.39	1901
1902	13,369	3,280	3,931	7,781,400	5,927,575	13,708,975	1,656,505	15,365,480	17.20	237,107.27	10,561.13	\$1,977.83	6,375.00	13,365.88	2,861.15	272,148.26	1902
1903	13,641	3,312	4,052	7,865,250	5,915,375	13,780,625	1,397,005	15,177,630	18.00	237,087.74	10,808.84	5,169.59	10,625.00	13,917.89	3,692.28	281,301.34	1903
1904	14,021	3,319	4,137	7,945,700	5,867,625	13,813,325	1,424,530	15,237,855	17.40	225,003.32	11,744.15	5,696.87	11,625.00	15,716.05	3,627.28	273,412.67	1904
1905	14,559	3,334	4,235	8,020,150	5,845,800	13,865,950	1,463,745	15,329,695	18.00	227,044.58	12,077.04	5,922.31	18,600.00	15,272.57	5,488.01	284,404.51	1905
1906	14,572	3,363	4,235	8,131,450	5,787,100	13,918,550	1,559,330	15,477,880	17.80	229,066.55	12,222.49	6,183.01	16,275.00	16,188.40	4,100.81	283,976.26	1906
1907	14,860	3,382	4,318	8,288,850	5,781,500	14,070,350	1,664,060	15,734,410	17.00	219,753.24	9,264.95	7,183.32	18,000.00 } *102.00 }	15,880.08	6,038.36	276,120.97	1907
1908	15,122	3,393	4,344	8,450,675	5,788,475	14,239,150	1,733,810	15,972,960	18.50	234,100.42	14,397.93	7,868.56	*19.75 } 24,750.00 }	15,606.50	7,444.60	304,187.76	1908
1909	15,246	3,416	4,438	8,627,425	5,775,725	14,403,150	1,746,675	16,149,825	19.30	250,100.51	13,567.95	8,158.24	20,250.00 } *19.75 }	17,250.17	11,220.90	320,567.62	1909
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865	19.40	255,567.13	14,834.95	8,494.76	23,760.00 } *19.51 }	16,478.32	9,224.31	328,378.98	1910
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625	20.40	276,517.13	15,496.52	11,634.39 } *4,076.16 }	23,760.00 } *20.00 }	15,170.07	7,067.28	353,741.55	1911
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800	20.40	283,731.71	15,804.48	9,412.75 } *1,323.37 }	27,000.00 } *18.75 }	14,860.33	12,466.03	364,517.12	1912
1913	16,612	3,611	4,620	9,791,425	5,791,425	15,582,850	2,420,900	18,003,750	20.40	289,544.80	17,103.24	10,262.39 } *1,655.79 }	32,340.00 } *20.00 }	16,466.40 } *1,502.39 }	7,316.90	376,511.91	1913
1914	17,037	3,674	4,685	10,144,550	5,816,700	15,961,250	2,606,080	18,567,330	21.70	316,917.47	17,437.18	10,558.39 } 1,731.04 }	35,700.00 } 67.65 }	19,577.92 } 156.46 }	10,154.95	412,281.06	1914
1915	17,096	3,748	4,850	10,494,300	5,823,300	16,317,600	2,623,780	18,941,380	23.70	359,106.29	17,201.57	10,796.50 } 1,621.25 }	39,780.00 } 52.40 }	20,682.55 } 133.25 }	9,236.85	458,610.70	1915
1916	17,317	3,864	4,949	10,937,650	5,891,700	16,849,350	2,795,800	19,645,150	22.00	350,771.03	16,153.54	8,183.80 } *1,834.04 }	32,000.00 } *200.00 }	20,650.93 } *239.30 }	12,008.66	442,091.30	1916
1917	17,275	3,958	5,061	11,326,050	5,916,700	17,242,750	1,530,000	18,772,750	23.40	379,561.18	17,657.22	10,464.99 } 1,974.84 }	43,450.00 } 200.54 }	19,871.65 } 225.67 }	14,833.40	449,404.35 }	1917
1918	17,353	3,964	5,043	11,519,250	5,912,150	17,431,400	1,644,975	19,076,375	23.40	413,680.07	18,851.06	10,597.62 } 2,007.80 }	43,450.00 } 208.65 }	21,532.85 } 205.30 }	11,719.08	522,252.43 }	1918
1919	18,114	3,973	5,169	12,203,650	6,048,425	18,252,075	1,951,500	20,203,575	26.20	488,671.38	18,714.38	12,182.39 } 2,131.59 }	45,474.00 } 284.00 }	22,040.33 } 286.41 }	8,045.26	597,830.22 }	1919
1920	18,371	3,981	4,585	12,799,450	6,079,350	18,878,800	2,206,600	21,085,400	29.50	569,876.17	19,111.76	12,381.78 } *2,177.13 }	57,174.00 } *461.53 }	23,923.39 } 862.60 }	9,098.07	708,821.41 }	1920
1921	18,670	4,010	4,661	13,458,550	6,417,750	19,871,300	2,606,050	22,477,350	30.80	623,903.04	23,447.16	13,576.76 } *2,254.37 }	57,174.00 } *545.34 }	15,755.05 } 31,197.18 }	10,697.21 }	777,502.38 }	1921
1922	18,964	4,048	5,424	14,017,500	6,469,050	20,486,550	2,617,950	23,104,500	32.60	684,835.78	21,359.60	14,037.11 } 2,213.39 }	46,560.00 } 557.06 }	724.32 } 29,576.48 }	13,983.00 } 19,182.51 }	61,895.00 } 834,826.70 }	1922

*Charles River Basin

†State Highway

Miscellaneous

Estimated Receipts

Report of Wire Department

Melrose, Mass., January 5, 1923.

To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.

Gentlemen:—

I respectfully submit the following report of the Wire Department for the year ending December 31, 1922:

FIRE ALARM SYSTEM.—Four hundred and forty-one inspections of box movements was made making the necessary repairs. All boxes were painted two coats of fire alarm red. New wire was pulled in and arms replaced on fourteen streets. Installed a new loop on Ashland Street to box 72, taking down old wires and arms to the above box on Henry Avenue and Richardson Road.

POLICE SIGNAL SYSTEM.—Three hundred and ten inspections of Police box movements were made installing ten new finger springs and twenty-five telephone batteries. The Police Signal System and Red Lights was rebuilt practically throughout, ten miles of iron and three miles of copper wire and one hundred and twenty-five cross arms being used. Red lights were installed at the corner of Trenton and West Foster Street and Grove and Swains Pond Avenues.

INSPECTION OF WIRES.—One thousand and ninety-nine requests for electrical inspections were received making a total of twenty-seven hundred and five inspections, issuing seven hundred and thirty-six permits allowing current to be turned on.

RECOMMENDATIONS.—That a Fire Alarm box be installed on every school building. That an air whistle be installed at Fire Headquarters. That the City Wires on Main Street be pulled in underground.

Respectfully submitted,

FRED A. EDWARDS,
Wire Inspector.

Report of Inspector of Buildings

Melrose, Jan. 8, 1923.

To His Hon. Mayor Paul H. Provandie,
and the Honorable Board of Aldermen.

Gentlemen:

It gives me great pleasure to report the largest amount expended for Building Construction during the past year, of any in the history of the city. Number of permits issued was 379, with an estimated value of \$840,070.00 divided as follows:

93 Houses	\$587,800.00
155 Garages	98,390.00
114 Alterations	119,835.00
17 Other Buildings.....	34,045.00
379	\$840,070.00

These figures are \$275,000.00 more than those of last year, and nearly \$800,000.00 of which is either in process of construction, or completed; this also is a larger percentage than ever before.

The dwellings completed, and those for which permits have been granted, together with the alteration of existing dwellings into suites and apartments, will enable us to provide for the housing of 125 more families than at this time one year ago.

I am not sure but the time has arrived when we should charge for the permits issued; the owner is getting the protection, and the city pays the bills. The income would be a help toward a better service. The whole city ought to be visited at least once each week, a thing it is impossible to do under the present conditions.

I am still of the opinion that the building, plumbing and wiring ought to be in one department, called the Building Department, with the same separate heads as now. This would not add to the expense, but would give more efficient service.

I wish to thank any, and all, who have been helpful in any way, whether by constructive criticism, or otherwise, to the carrying on of the work of the department.

Respectfully submitted,

WILLIAM S. ALLEN, Inspector of Buildings.

Report of Sealer of Weights and Measures

Melrose, Mass., January 2, 1923.

To His Honor, the Mayor and the Board of Aldermen,
City of Melrose, Mass.

Gentlemen:—

I have the honor to submit to you the Annual Report for 1922 of the Weights and Measures Department ending December 31, 1922.

SCALES ADJUSTED

Number of Scales adjusted and sealed	915
Number of Scales condemned	15
None-seal	1

Gasoline Pumps

Sealed	32
Condemned	4
Adjustments on positive stops of above pumps	128

Trial Weighings on Wagons and in Stores

	No. tests	Correct	Under	Over
Coal in Wagons	6	1	3	2
Coal in paper bags	24	20	4	..
Flour	25	25	..	..
Butter	8	7	..	1
Dry commodities	83	65	12	6
Fruits and Vegetables	20	6	13	1
Bread	42	25	1	16
Confectionery	17	17	..	..
Berry Baskets	1	1	..	..
Malt Beverages	8	7	..	1
Milk Jars	6	6	..	..
Total	240	180	33	27

Inspections

Drug Stores for Clinical Thermometers	8
Marking of Food Packages	10
Stores	25
Hawkers and Pedlars	11
Coal Certificates	6
Junk Dealers	5
Total	65
Fees received for sealing and adjusting	\$82.57
License fees collected	170.00
Total paid to City Treasurer	\$252.57

Office Work

This office is open from 8 to 9 A. M. for the purpose of sealing such weights and measures that are brought in, subject to the annual Sealer's notice.

Changes in the State Laws abolishing all legal weights in the sale of fruits, nuts and vegetables have necessitated the circulation of cards to that effect, which have been distributed throughout the City.

Seventeen licenses to peddle fish, fruit and vegetables have been granted during the past fiscal year. Many of these would never have taken out a license were it not for persistent inspections on the part of the Sealer.

Store Inspections

The store inspections have been responsible for ferreting out many losses to the dealer as well as to the consumer, the defects in weighing and measuring devices and the stimulating of our merchants to a greater degree of care.

Gasoline Pumps

Specifications and Tolerances as adopted by the Massachusetts Sealer's Association are strictly adhered to in the sealing of gasoline pumps. The amount of work involved in properly adjusting and sealing a gasoline pump is little realized. With but one or two exceptions every pump in this city was giving too much before adjustments were made. Obviously it is equally as important to protect the dealer as the consumer and the Sealer believes that the condition of the gasoline pumps of this city merits the approval of both the dealer and the consumer.

Summary of Court Cases

Number of cases taken into court	4
Not Guilty	2
Convictions	2
Amount of Fines	\$50.00

Expenditures—Appropriation \$75.00

Printing	\$15.23
Office Supplies	15.44
Transportation	40.00
Sundries	4.25
Total	\$74.92

Respectfully submitted,

PHILIP B. CARRUTHERS,
Sealer of Weights and Measures.

Melrose, Massachusetts.

Report of Pine Banks Park

February 13, 1923.

Dr. Paul H. Provandie,
Mayor of Melrose,
Melrose, Mass.

Dear Mr. Mayor:—

May I call your kind attention to the enclosed copy of Treasurer's Report of the Trustees of Pine Banks Park? I beg to inform you that the care of the Park has been so well systematized and in such good hands that it does not require a very large amount of effort on the part of the Board of Trustees. We feel that we have a very efficient man there as superintendent.

This is to notify you and the Board of Aldermen that the Trustees request an appropriation of \$1,900.00 for the maintenance of the Park from each of the cities of Malden and Melrose.

Yours very truly,

CHARLES M. COX,
Secretary.

REPORT OF TREASURER

1922

Receipts

Balance from 1921	\$464.83	
City of Malden	1,900.00	
City of Melrose	1,900.00	
Interest	16.53	
Rental of Log Cabin	24.00	
Selling permit	10.00	
Wood	6.00	
	\$4,321.36	\$4,321.36

CITY OF MELROSE

Expenditures

Wages of Employees	\$2,792.62	
Telephone	34.80	
Zoo expense	304.33	
Stable and blacksmith	317.50	
Insurance	35.49	
Cities of Malden and Melrose	106.38	
Hardware and plumbing	57.97	
Seeds and bulbs	96.37	
Ploughing	35.00	
Expense	55.58	
	\$3,836.04	3,836.04
		\$ 485.32

Receipts

Budget	\$3,800.00
Special Appropriation or Transfer	
Other income, interest and Log Cabin rents, licenses and wood	72.66
Total	\$3,872.66

Expenditures

	Actual, 1922	Estimate, 1923	Inc. or Dec.
Wages of Employees	\$2,792.62	\$2,842.00	Inc. \$50.00
Telephone	34.80	same	
Zoo Expense	304.33	same	
Stable and Blacksmith	317.50	same	
Insurance	35.49	25.00	Dec. 10.00
Cities, Malden and Melrose ..	106.38	76.00	Dec. 30.00
Hardware and Plumbing	57.97	same	
Seeds and Bulbs	96.37	same	
Ploughing	35.00		Dec. 35.00
Expense	55.58	same	
Total	\$3,836.04		

Report of Registrars of Voters

To the Honorable Mayor and Aldermen,
Gentlemen:

The oath of office was administered to Edwin L. Cragin as a Registrar for the term of three years, on May 1, 1922.

The Registrars of Voters held their annual meeting on May 8, 1922, and organized by the election of Edwin L. Cragin as chairman, and the City Clerk was made clerk, ex-officio. Eight letters were received from various military and semi-military organizations of their list of members exempt from jury duty, which were placed on file for reference. During the months of May, June and July over 4000 names were certified for the Primaries. Many letters as to party enrollment, and standing on the voting lists, were answered. The entire card system was revised in July and August as soon as the assessed poles were furnished by the assessors. Over 800 names were dropped on account of removals, deaths, and marriages. After continuous sessions of forty-two meetings, about 310 were restored, all having been notified by postals. Our voting lists were posted the last of August. The jury list was made out and posted in July, 164 names in all. Our jury list has been commented upon favorably by the courts, and the character of the men praised. There was a Primary in September, State Election in November and City Election, December 12, 1922. Over 2000 names were certified on nomination papers. The Registrars held meeting for Registration as follows:

For State Primaries

Daily Sessions (Tuesdays, Aug. 1st, 8th, 15th, 22nd, 29th, and Sept. 5th) at City Clerk's Office, City Hall, from 8 a. m. to 5 p. m.

Evening Session, Aldermanic Chamber, City Hall, Tuesday, Aug. 29th, from 7 p. m. to 10 p. m., and Tuesday, Sept. 5th, from 7 p. m. to 10 p. m.

For State Election

Daily Sessions (Tuesdays, Sept. 19th, 26th, Oct. 3d and 10th) at City Clerk's Office, City Hall, from 8 a. m. to 5 p. m.

Evening Sessions, Aldermanic Chamber, City Hall, Tuesday, Oct. 3, from 7 p. m. to 10 p. m., Tuesday, Oct. 10, from 7 p. m. to 10 p. m.

Final Session, Wednesday, Oct. 18th, from 12 noon to 10 p. m. (when registration will cease).

For City Election

Daily Session (Tuesday, Nov. 14th) at City Clerk's Office, City Hall, from 8 a. m. to 5 p. m.

Evening Session, Aldermanic Chamber, City Hall, Tuesday, November 14, from 7 to 10 p. m.

Final Session, Wednesday, Nov. 22, from 12 noon to 10 p. m. (when registration will cease.)

968 names were added during registration.

LIST OF VOTERS, CITY ELECTION, DECEMBER 12, 1922

Wards	Registered	Voting		Total
		Male	Female	
1	1159	486	450	936
2	1362	609	508	1117
3-1	595	261	255	516
3-2	646	294	280	574
4	1088	520	405	925
5	961	419	373	792
6	1270	583	482	1065
7-1	899	409	355	764
7-2	200	116	50	166
	8180	3697	3158	6855

Respectfully submitted,

EDWIN L. CRAGIN,
EDWIN J. TIRRELL,
JOHN J. KEATING,
W. DeHAVEN JONES,
Registrars of Voters.

Report of Moth Department

To the Honorable Mayor and Board of Aldermen,
City of Melrose,

I herewith respectfully submit the Annual Report of the Moth Department for the year 1922.

The moth situation in Melrose has been and is somewhat aggravated by a new insect pest called the "Satin Moth," a most voracious eater, feeding mostly upon the foliage of the willow and poplar trees, many of which were badly defoliated during the past season.

The Brown Tail Moth, very fortunately for Melrose, is a thing of the past, at least so far as our city is concerned.

The Gypsy Moth, like the poor, is still with us, and is causing some considerable damage to public and private property throughout the city. Such damage is mostly confined to the outskirts of the town, the people in the so-called residential sections, having fewer trees to care for, seem to be more successful. Some street trees showed evidence of the presence of the Gypsy Moth by perforated leaves.

The Elm Leaf Beetle was quite active during the past year, the season being favorable to the propagation of this pest throughout the entire state.

The Leopard Moth shows no signs of abatement as is evidenced by the large number of dead portions of tree limbs which occasionally litter our public ways. This pest is the most difficult of all to fight or control, as the expense of any known methods are beyond the possible appropriation of this or any other city. The situation has been much improved, however, by the pruning and trimming of trees during the past summer. A like amount of work throughout the coming year, removing dead and dangerous limbs will help materially in exterminating this destructive insect.

The city owns two spraying machines which have been in use for fifteen years, and have become practically useless for the purpose for which they were originally intended, and as spraying is the most efficacious means of fighting all leaf-eating insects, in order to properly protect our city trees, we will be obliged to purchase this year a thoroughly up-to-date power spraying machine. Last year we were obliged to use horse-drawn vehicles, it being necessary to have five teams in constant use during the spraying season. Horse-drawn vehicles are slow, expensive and out of date.

Respectfully submitted,

JOHN J. McCULLOUGH,
Local Superintendent.

Report of Advisory Committee Soldiers' and Sailors' Memorial Building

Melrose, Mass., March 1, 1923.

To the Honorable Mayor and Board of Aldermen,
City of Melrose.

Gentlemen:

The Advisory Committee of the Soldiers' and Sailors' Memorial Building submit the following report for the year ending Dec. 31, 1922.

Organization: Ellis, Chairman; Collins, Secretary. Committee on Building—Fernald, Luce, Flanders, Hitchins, Newman. Committee on Management, Evans, Collins, Corson, Newman, (Waterhouse) Wilson. Committee on Organ Concerts, (Waterhouse) Wilson, Stetson, Evans, Fernald, Hitchins. Mr. William E. Waterhous resigned and Mr. Elmer Wilson was appointed in his place.

The Committee held twelve regular monthly meetings and one extra meeting.

The Committee on Organ Concerts produced four concerts and one lecture recital. Three concerts were in memory of Hon. John C. F. Slayton. Dr. Will C. MacFarland was the organist. Mr. William E. Zeuch was the organist at the other concert. Mr. Elmer Wilson gave lecture recital to the school children.

About \$2,000.00 was expended repairing the roof and redecorating Grand Army Hall. This work is not finished and much more ought to be done. The building continues to settle and while it is not now in a dangerous condition it is serious enough to warrant the expenditure of an amount sufficient to stop further settlement.

APPROPRIATIONS AND EXPENDITURES

Salaries and Wages

Appropriation	\$2,500.00
Transfer from Other Expenses.....	100.00
Transfer from Municipal Organ Concerts.....	250.00
Total	\$2,850.00

Expended	2,849.00
Balance	\$1.00
Other Expenses	
Appropriation	\$5,000.00
Transfer from Municipal Organ Concerts.....	140.00
	\$5,140.00
Transfer to Salaries and Wages.....	100.00
Total	\$5,040.00
Expended	5,011.60
Balance	\$28.40
Municipal Organ Concerts	
Appropriation	\$1,000.00
Transfer to Salaries and Wages.....	\$250.00
Transfer to Other Expenses.....	140.00
Total Transfers	390.00
Total	\$610.00
Expended	608.06
Balance	\$1.94

The receipts for the year amounted to \$5,849.09.

FRED E. ELLIS, Chairman.
For the Committee.

Report of Fire Department

Melrose, Mass., Jan. 8, 1923.

Hon. Paul H. Provandie, Mayor,

Dear Sir:

I respectfully submit the following report of the Melrose Fire Department for the year 1922.

ORGANIZATION

The Department consists of four companies as follows:

Engine Co. No. 1; Hook and Ladder Co. No. 1; Combination Co. A; and Hose Co. No. 4.

PERSONNEL

The Call Force consists of Deputy Chief Engineer, 1 Captain, 1 Lieutenant, and 20 Privates.

The Permanent Force consists of 1 Chief Engineer, 1 Captain, 2 Lieutenants, 14 Privates.

There have been promotions during the year: 1 Captain promoted to Chief Engineer and 1 Private promoted to Lieutenant; 1 Chief Engineer retired and 1 Captain retired.

There was one of our Lieutenants taken from us by death.

MOTOR EQUIPMENT

1 Chief's Automobile, 1 Pumping Engine with equipment, 1 Auto Ladder Truck with equipment, including a new life net; 2 Combination Hose and Chemical Autos with equipment, 2 Pungs, 1 Horse-drawn Hook and Ladder Truck (condemned), and 10 Chemical Extinguishers. 1 Auto Combination Squad Wagon in reserve.

HOSE

Number of feet of good hose.....	4,800
Number of feet of poor hose.....	3,000

FIRES

Total number of alarms answered during year.....	230
Bell Alarms (9 were false).....	78
Still Alarms	152

INSURANCE

Number of buildings damaged.....	38
Value of buildings damaged.....	\$146,407.45
Loss on buildings.....	34,025.20
Insurance on same.....	128,575.00
Insurance paid.....	26,749.10

CONTENTS

Value of contents.....	\$76,470.00
Loss on contents.....	22,479.00
Insurance on contents.....	78,150.00
Insurance paid.....	16,362.96

DEPARTMENT WORK

Number of feet of hose laid.....	15,550
Number of feet of ladders raised.....	2,397
Number of gallons of chemical used.....	1,066

EMERGENCY AND SPECIAL CALLS

Emergency calls with lungmotor.....	3
Emergency calls, collapse of grandstand.....	1
To remove cats from trees.....	3
To remove horses from brooks and cellars.....	3

Value of personal property of Fire Department.....	\$36,935.05
--	-------------

There will have to be some repairs made on the Central Fire Station and at Hose 4 Station this coming year. I would recommend a new Fire Station at Melrose Highlands as the present building is not worth the outlay of any more money.

I would recommend that our schools be equipped with modern fire alarm and sprinkler systems as soon as possible.

The personal property of the department is in good condition.

Very truly yours,

FRANK C. NEWMAN,

Chief of Department.

Report of Board of Survey

To the Honorable Mayor and Board of Aldermen,
City of Melrose, Massachusetts.

Gentlemen:—

The Board of Survey submits the following report for the year 1922.

Studies have been made of various sections of the city in anticipation of future development. Plans are being made by the owners of the Barbour land, near Spear Street, and of the Russell estate, Trenton Street, and of the Lynde estate, Wyoming Avenue, for approval.

Plans of the Golden Hills Plaza Tract, and the streets in this tract, were approved October 9, 1922.

RECEIPTS AND EXPENDITURES

Appropriations—Salaries and Wages.....	\$100.00	
Other Expenses	50.00	\$150.00
Expended:		
Salary of Clerk.....	\$100.00	
Advertising	2.00	\$102.00
Balance		\$48.00

Amount on hand deposited with plans in accordance with rules and regulations of the Board of Survey, \$45.00.

E. C. LANG, Chairman
WM. N. FOLSOM
WM. E. WATERHOUSE

Board of Survey.

GEORGE O. W. SERVIS, Clerk.

Report of the Public Library Trustees

The Board of Trustees of the Public Library herewith presents the report of the work of the Library for the year 1922, being the twenty-second annual report to the City Government and the fifty-second report since the establishment of the library.

It is gratifying to note that the record for the past year for the library shows an increased patronage by those entitled to its privileges.

The work of the Librarian with the school children has been continued with much success.

The story-telling hour has been greatly enjoyed and very largely attended by the children, and it is not possible to measure the influence for good among the children resulting from the pleasant hours spent in the library. The appreciation of the trustees is extended to the friends who have given so generously of their time to this commendable feature of library work.

With the growth of the library and its branches, the duties and responsibilities of the staff have increased correspondingly and the library has accomplished its purpose of a high standard of administration by the splendid co-operation of the entire staff.

MARY C. BARTON, Secretary.

Highlands Branch Library

It is very gratifying to report that the Highlands Branch of the Melrose Library has been increasing steadily in circulation since it was located in the centre of the Highlands. It proves beyond a doubt that the central location and the efficient service rendered by Miss Long, who is in charge, has meant service to the community. The branch now seems to be an indispensable adjunct to the intellectual life of the people in this section. During the year 1922 the entire circulation was 26,195, showing an increase of 2,905 books over the preceding year. The total registration for the year was 1,344. Books added 155, which include 54 juvenile and 101 adult.

Let us hope that in the near future the Highlands Branch will have a permanent home of its own.

Respectfully submitted,

CLARA G. MULDOON.

The reports of the Librarian and Treasurer are herewith submitted.

PAUL STERLING, Chairman.

To the Trustees of the Melrose Public Library,
Gentlemen:—

The efforts of the Library to meet the needs of the largest number of people is meeting with a larger measure of success every year. Not only the issue of books for home use, but the work of the library as a whole has gained during the past year. The custom of keeping new and readable books in the reception hall within reach of the public proves an effective means of bringing good books to the attention of the people.

Deposits of books, to be kept from one to three months, have been sent to some of the grades in the schools, with very favorable and appreciative reports from the teachers. This is only a very modest beginning of what the Librarian hopes may grow into deposits in every grade in the schools.

Instruction in the use of the Library has been given to several classes in the High School, with practical work in the use of the catalogue and the more important reference books. It is always gratifying to see the interest with which pupils go about finding things for themselves after they have had their instruction.

During the year books have been sent to the fire station, and we find the men are very glad to have them at hand to use in their leisure time. A valuable addition to the Library is the stereopticon which was bought last November. The opportunities and possibilities for its use for the public good are many.

The annual children's book week was observed as usual early in November. The week opened with a talk by the Rev. Mr. Chase, a trustee of the Beverly Public Library, on "The Value of Good Reading for Children," the talk being followed by a story illustrated with the new stereopticon. During the week there was story-telling every afternoon for the children, with an average attendance of 41.

In the spring the walls of the stack-room, the reading room, the reception hall on the first floor, and two rooms on the second floor, were re-finted, and the ceilings whitened. At about the same time the old and inadequate lighting was replaced with new and better lights, making a very great improvement in the appearance of the library, and the comfort of its patrons.

The room known as the "Historical Room" is being used more and more by public welfare societies, as well as for classes in Americanization. Collections of books in Italian, Yiddish, Armenian and Greek have been borrowed from the Library Commission to meet the need of our foreign born.

The work of the year has been more in "carrying on" than in new undertakings. The various departments and branches have done their

usual good work. No statistics could give an adequate idea of the work in the reference room. All available sources of information are called upon to meet the increasing demands.

EXPLANATIONS

Salaries

With the great advance of Library efficiency it has become necessary for libraries to give sufficient compensation to their trained librarians to hold the class of people whom they must employ in order to meet the increasing demands which are made upon them.

At the present time the Melrose Library is giving the minimum compensation allowed by the Massachusetts Library Association for trained librarians. It is generally recognized that the salary of the Librarian should equal that of the Principals of Public Schools in the same community, and that the salary of the Assistant Librarian should equal that of the better paid teachers in the same community.

The Board of Trustees, in pursuance of the duty laid upon them by the City Charter plan to ultimately fix the compensation of the Librarian at \$2000.00 per year as the proper maximum compensation for that position in the City of Melrose, and as a reasonable step in that direction they have fixed the compensation of the Librarian at \$1800.00 for the current year. On the same principle the compensation of the Assistant Librarian has been fixed at \$1400.00 for the current year, looking to an ultimate maximum of \$1600.00 for that position.

A small advance is asked, also, for the Desk Assistant in the Main Library to enable the Library to employ one capable person in that position in place of hiring High School girls on part time, it being increasingly difficult to get girls for this work at the small wage of eighteen cents an hour which has hitherto been paid.

School Deposits

The Melrose Library holds an enviable position among the Libraries of Massachusetts, being well to the front if not actually in the lead of libraries in cities and towns of about the same population as that of Melrose. In the matter of school deposits, however, Melrose is behind the most progressive. The Library, therefore, desires to place deposits of selected books in the higher grade rooms of our schools, to be used by the children under the supervision of the teachers, thus making of each room a small branch library. Since enough books for this purpose cannot be spared from the general circulation an appropriation of \$500.00 is asked for their purchase.

The sum of \$100.00 is asked also for the purchase of duplicate reference books for the especial use of pupils of the higher grades and the High School, this being in accordance with the request of the schools, which issue lists of books which the pupils are required to read.

Building

The upper floors of the Main Library are in bad condition and need to be re-finished. This will cost \$100.00.

Fuel

Last year the Trustees were unable to buy coal in the spring for the winter and hence returned part of the appropriation. For the current year the full amount will be necessary.

The genealogical room which was opened early in the year has been used even more than the librarian anticipated.

Miss Adelaide Whittier, who has been a part time assistant at the delivery desk, left us the last of the year to take a position in the Wakefield library, and Miss Evelyn Emery is taking a full time position at the desk.

Let me express the pleasure and satisfaction I have had in working for the library interests of the people of Melrose, in co-operation with your Board, which has never failed to give me friendly and sympathetic support, and the loyalty of the staff at all times.

Respectfully submitted,

ELSTIE M. HATCH,
Librarian.

STATISTICS

Main Library

Adult—29% non-fiction, 71% fiction.....	46,018
Juvenile—24% juveniles	14,532
Duplicate books	1,117
Total	61,667

Highlands Branch

Adult—12½% non-fiction, 87½% fiction.....	17,881
Juvenile—32% juvenile	8,414
Total	26,295

Wyoming Branch

Adult—26% non-fiction, 74% fiction.....	3,339	
Juvenile—47 1-3% juvenile.....	2,983	
Total		6,322

East Side Branch

Adult—19½% non-fiction, 80½% fiction.....	4,633	
Juvenile—42½% juvenile	3,369	
Total		8,002

Ward 7 Branch

Adult—34% non-fiction, 66% fiction.....	2,248	
Juvenile—42% juvenile	1,376	
Total		3,624

Total	105,910	
Number of volumes in library at beginning of year.....	28,303	
Number of volumes added by purchase.....	1,536	
Number of volumes added by gift.....	88	
Total	29,927	

REPORT OF TREASURER OF SPECIAL FUNDS**Melrose Public Library for Year Ending December 31, 1922****William Emerson Barrett Fund**

1922

Jan. 1—by balance.....		\$164.20
Jan. 1—by interest.....		7.57
Dec. 31—to balance.....	\$171.77	\$171.77
	\$171.77	\$171.77

Horatio Nelson Perkins Fund

1922

Jan. 1—by balance.....		\$762.06
Jan. 1—by interest.....		34.66
Dec. 31—to balance.....	\$796.72	
	\$796.72	\$796.72

William Bailey Fund

1922

Jan. 1—by balance		\$3,284.60
Jan. 1—by interest		143.36
Jan. 1—to books purchased	\$349.26	
Dec. 31—to balance	3,078.70	
	\$3,427.96	\$3,427.96

Catalogue Fund

1922

Jan. 1—by balance		\$296.39
Jan. 1—by interest		9.10
Jan. 1—by deposits		689.07
Jan. 1—to expenditures for work and merchandise	\$735.62	
Dec. 31—to balance	258.94	
	\$994.56	\$994.56

Duplicate Library Fund

1922

Jan. 1—by balance		\$23.58
Jan. 1—by interest		.78
Jan. 1—by deposits		100.58
Jan. 1—to books purchased	\$89.28	
Dec. 31—to balance	35.66	
	\$124.94	\$124.94

FRANK W. CAMPBELL,

Treasurer.

Report of Law Department

January 15, 1923.

Hon. Paul H. Provandie, Mayor,
City Hall, Melrose 76, Mass.

Dear Sir:—

I beg leave to submit herewith annual report of the Law Department for the year 1922.

During the year the court has dismissed suits against the city by Charles S. Boyce and John Brooks, respectively. These cases grew out of the dynamite explosion several years ago and have been pending for a long time. A suit against the city by Lena E. Beane for personal injuries has been settled and there is now pending in the Superior Court a petition by Frank C. Hayes for abatement of betterment assessment.

In July a Bill in Equity was brought against James R. Harvey in behalf of the Board of Health to enforce the order of that Board prohibiting the keeping of swine fed by garbage. This case was referred to a Master who has heard evidence on several days, but further proceedings have been delayed until a view of the premises can be taken. This has been prevented by the excessive snowfall.

A petition has been filed in the Land Court for the registration of title to a lot of land on Eleventh Street adjoining the Winthrop School which was purchased by the city in 1921. The court is about to enter a final decree on this petition.

A few small claims for damages have been settled after investigation, under authority of the Committee on Legal and Legislative Matters. Opinions have been submitted from time to time to the various departments and the Board of Aldermen on the legal aspect of questions before them.

A number of hearings have been held by the Public Utilities Commission on the question of reduced rates for gas and electricity and the abolition of the service charge. As directed by the Board of Aldermen, the writer has appeared at all these hearings, opposed the continuance of the meter charge and urged a reduction in the present rates.

The revision of the Ordinances has also been completed during the year and the same is now in the hands of the printer. This work has

involved a careful comparison of present Ordinances with the law of the state as revised in the General Laws and a study of the changes necessitated thereby. It also required the redrafting of those Ordinances that have been amended from time to time since the last revision in 1910. The special committee of the Board of Aldermen and the City Solicitor have devoted much time to this work and it is hoped that the revision when printed will be of great value not only to city officials, but to the public generally. A chronological list of all acts of the legislature applicable to Melrose that have been accepted either by the Board of Aldermen or the voters has also been prepared and will be printed with the Ordinances.

Respectfully submitted,

CHARLES H. GILMORE,
City Solicitor.

Report of Park Commissioners

To the Honorable, the Mayor and Board of Aldermen
of the City of Melrose.

Gentlemen:—

In compliance with the provisions of Section 9, Chapter 45 of the
General Laws, we herewith submit our thirteenth annual report:

APPROPRIATIONS AND EXPENDITURES, 1922

Parks, General Administration—Salaries and wages:

Appropriation	\$200.00
Expended Clerk's Salary	200.00

Parks, General Administration—Other Expenses:

Balance from 1921	\$91.34
Appropriation	150.00

\$241.34

Expended:

Melrose Free Press Supplies	\$14.25		
Postage	5.69		
Rubber Stamp	.90		
Liability Insurance	30.05	50.89	\$190.45

Parks, General Administration—Lighting Account:

Appropriation	\$332.00
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Expended:

Lighting Bill	\$270.00		
Transfer to Playgrounds			
Salaries and Wages	62.00	\$332.00	

Parks and Gardens—Salaries and Wages:

Appropriation	\$2,500.00
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Transfer from Main St. Development...	250.00
Transfer from Parks and Gardens—	
Other Expenses	100.00
Transfer from Receipts	50.00

\$2,900.00

Expended	\$2,885.05
Transfer to Hockey Rink	14.95

\$2,900.00

Parks and Gardens—Improvements:

Appropriation	\$250.00
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Expended:

Transfer to Parks and Gardens, other expenses	\$250.00
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Parks and Gardens—Other Expenses:

Appropriation	\$500.00	
Transfer from Parks and Gardens, Improvements	250.00	
Transfer from Receipts	25.00	\$775.00

Expended:

Benson Coal Co., supplies	\$7.85
Prince Paint Co.	9.26
Woolworth Co.	1.20
C. W. H. Moulton, ladders	26.25
Deering Lumber Co., rent	132.00
Brock Brothers, plumbing	21.56
Hanley, trucking	66.00
J. Nicoll, slats for seats	5.50
Free Press, printing	10.25
B. & M. Railroad, 100 old ties	11.00
V. H. Kirmes, saw sharp.....	1.00
Oral Richards, painting poles	61.00
Water Department	20.71
F. W. French, hardware	3.99

REPORT OF PARK COMMISSIONERS

67

Gibbons Contracting Co.	67.75	
Casey Florist Co., plants	50.00	
John F. Rand, engineering	91.00	
Ostberg Mahar Co., painting	26.00	
F. E. Coyle, hardware	20.06	
Malden Electric Co.	2.10	
Transfer to Parks and Gardens, salaries and wages	100.00	
Transfer to Hockey Rink	28.17	
Balance to E. & D.	12.35	\$775.00

Parks and Gardens, Clearing Snow:

Balance from 1921	\$233.07	
Appropriation	300.00	\$533.07

Expended:

Payrolls	\$506.37	
Churchill, horse hire	6.00	
Transfer to Winter Sports	20.70	\$533.07

Playgrounds, Salaries and Wages:

Appropriation	\$1,000.00	
Transfer from various accts. Order 14257	263.20	\$1,263.20

Expended:

Payrolls	\$1,187.83	
Transfer to Hockey Rink	75.37	\$1,263.20

Playgrounds, Improvements:

Appropriation	\$100.00	
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Expended:

Transfer to Playgrounds, other expenses	100.00	

Playgrounds, Other Expenses:

Balance from 1921	\$38.46	
Appropriation	400.00	
Transfer from Playgrounds Impr.	100.00	
Transfer from Main Street	500.00	
Transfer from Playgrounds Salaries ..	100.00	
Transfer from Receipts	85.00	\$1,223.46

Expended:

Hanley, teaming	\$17.25	
Chester S. Patten, carpenter	91.87	
J. J. Grey, grass seed	11.15	
Prince Paint Co.	7.35	
Malden Electric Co., lights	4.40	
Eastman Express	4.60	
L. Nickerson, repair flags	3.25	
Wright & Ditson, apparatus	409.54	
Rotondi, Stoneham, bases	7.50	
Gibbons Contraction Co., loam.....	80.50	
Brine Company, supplies	43.26	
Stearns & Hills, first aid supplies	6.48	
Melrose School Department, shot	3.00	
New Jersey Wire Co., netting.....	25.30	
Deering Lumber Co.	10.11	
Milton Bradley Co.	10.36	
W. E. Coffin, hardware	12.02	
Brock Bros.	3.53	
Goss Brothers	5.45	
W. W. Souther, supplies	3.08	
John Bennett	2.50	
Clement & Co.	1.45	
Woolworth Co.	1.00	
American Express Co.	.99	
Boston & Maine, freight	1.70	
C. J. Surbeck, expenses	61.34	
C. L. Hoffman, labor swings	95.00	
F. C. Scherrer, supplies	123.86	
F. E. Coyle, hardware	18.32	
Winchester Company, supplies	8.50	
G. Rontido, labor	32.00	
Water Department, water rates	69.43	
Transfer to Hockey Rink	47.37	\$1,223.46

Messenger's Meadows, Salaries and Wages:

Appropriation	700.00	
Transfer from Messenger's, other exp. ..	200.00	
Transfer from Main St. Development ..	150.00	\$1,050.00

Expended:

Pay rolls	\$1,042.33	
Police	3.00	
Transfer to Playgrounds, salaries and wages	4.67	\$1,050.00

Messenger's Meadows, Other Expenses:

Appropriation	\$800.00	
Transfer, Bathhouse	36.77	
Transfer, Receipts	192.24	\$1,029.01

Expended:

Wright & Ditson	\$51.82
Blakeley & Co., clay	91.50
R. H. Curry, plumbing	4.84
L. Evers, keys	1.05
New Jersey Wire Co., netting.....	14.15
Standard Oil Co., gasoline	2.62
Tenney, for gravel	20.00
Free Press	1.40
Deering Lumber Co.	21.75
Hanley, teaming	21.00
James Nicoll	4.00
F. W. Smith, carpenter	3.45
Sinnott Brothers, labor	2.75
Gibbons Contracting Co.	237.50
Dakin and Grant	7.85
Benson Coal Co.	8.25
French Hardware Co.	9.24
Brock Brothers	81.48
Chester S. Patten, carpenter	138.89
Prince Paint Co	8.82
Eastman Express	1.90
Water Department	10.51

M. Vetree, electric work	36.99	
M. Jefts, stove	11.85	
W. E. Coffin	6.91	
Melrose Garage	4.00	
Burns Express	1.00	
C. H. Everson	5.88	
Transfer to Messenger's, S. & W.	200.00	
Malden Electric Co.	.35	
Transfer to Hockey Rink	17.26	\$1,029.01

Bathhouses and Beaches, Salaries and Wages:

Appropriation	\$500.00
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Expended:

Pay rolls	\$299.50	
Transfer to Bathhouse, Improvements ..	70.00	
Transfer to Playgrounds, S. & W.	130.50	\$500.00

Bathhouses and Beaches, Improvements:

Appropriation	\$150.00
Transfer from Bathhouses, S. & W.	70.00
	\$220.00

Expended:

Kastine Co.	\$202.16	
Boston & Maine, freight	4.48	
American Express	1.94	
Transfer to Playgrounds, S. & W.	11.42	\$220.00

Bathhouses and Beaches, Other Expenses:

Appropriation	\$300.00
Transfer from Main St. Development ..	500.00
	\$800.00

Expended:

Eastern Sales Co., rafters	\$72.00
Eastman Express	.40
Bliss Bros., Life Saving apparatus	15.00

Raymond's	23.43	
W. A. Keith, labor	23.35	
G. T. Hoyt & Co., chairs	14.25	
Brock Bros	24.41	
C. J. Surbeck, supplies	3.14	
Hanley, teaming	8.50	
C. S. Patten, carpenter	471.24	
Gibbons Contracting Co	45.00	
Andrews' Market	.90	
Prince Paint Co.	20.23	
C. L. Hoffman, vault	9.00	
Clement & Co.	.38	
Transfer to Playgrounds, S. & W.	50.00	
Transfer to Hockey Rink	18.77	\$800.00

Bleachers and Building:

Appropriation	\$1,800.00
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Expended:

Leavitt Mfg. Co., bleachers.....	\$878.54	
Boston & Maine Railroad, freight.....	126.53	
Melrose Free Press	6.00	
Morrison Skinner Co., bathhouse	635.00	
Barrett, for painting	117.16	
Transfer to M. M., other expenses	36.77	\$1,800.00

Tremont Street Fence:

Appropriation	\$1,500.00
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Expended:

Melrose Free Press Ad.	3.75	\$1,496.25
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Hockey Rink:

Appropriation	\$250.00	
Transfer from various accounts amount- ing to	201.89	\$451.89

Expended:

Pay rolls, De Cost	\$92.00
Brock Bros.	2.98
DeCost	189.60

F. E. Coyle, for hose	28.00	
Wetmore-Savage Co., supplies	34.57	
Deering Lumber Co., lumber	33.90	
M. Vetree, labor	50.00	
Transfer to Winter Sports	20.84	\$451.89

Main St. Development and Main St. Embankment:

Balance from 1921	\$1,030.00
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Expended:

Philip Drinkwater, wall	100.00	\$930.00
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Winter Sports:

Appropriation, Order 13590	\$1,000.00
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Expended:

Pay rolls	\$479.10	
Malden Electric Co., lighting	52.09	
Boston Woven Hose Co.	141.32	
Deering Lumber Co.	73.64	
Ames Plow Co.	18.67	
Perrin Seaman Co.	17.40	
F. W. Smith, carpenter work	45.00	
L. Jas. Nicoll	92.22	
M. Jas. Hanley	5.00	
Eastman Express Co.	6.50	
Hub Wire Cloth Co.	13.61	
Melrose Free Press	5.75	
Walworth Mfg. Co.	6.00	
Boston Coupling Co.	8.10	
Wright & Ditson	13.35	
Horse hire	24.00	\$1,001.75

Overdrawn \$1.75, charged to 1923 account.

REPORT FOR THE YEAR 1922

Much of our effort has been put to directing and supervising the greater use of our existing playgrounds.

PLAYGROUNDS

Due to the tremendous impetus given play in the past few years, we thought that the time was ripe for greater development of our playgrounds. All must learn by experience, and we had discovered by past attempts that to have playground activity a fine play area and good equipment are not sufficient to assure success. There must be intelligent, active, painstaking and capable leadership. There must be system and definite policy, looking not to this season alone but to the years to come.

With the securing by the School Committee of Mr. C. J. Surbeck as head of all school athletics, great strides forward have been made in the play life of the community. In the search for a man fitted to carry on the new scheme for our playgrounds, Director Surbeck seemed eminently fitted by virtue of large experience in playgrounds, college, schools, army, boys' and girls' camps, clubs, life-saving and all forms of athletic supervision to head our larger plans. His acquaintance with the young people of the city and the program carried out in the schools was simply transferred with required modification to the summer months.

Long before the season opened, the Park Commission and Mr. Surbeck outlined plans for a larger work. Messenger's Meadows stood equipped with the larger permanent apparatus, needing only small equipment for games and a competent leader in charge. Lincoln Playground and Ell Pond, however, presented a different problem with little suitable equipment. The most serious problem was to secure a suitable bathhouse at Ell Pond, and careful study gave as the solution a portable corrugated iron structure. This building, 12 ft. x 36 ft., with a board floor, erected quickly and at small expense, proved comfortable, hygienic and in every respect satisfactory. The interior was partitioned into eighteen compartments—4 ft. x 4 ft.—by means of beach cloth curtains hung from wires. This provided sixteen dressing rooms, each with chair and clothes hooks, a small office overlooking the beach, and a storeroom.

At the rear of the main building a roofless section 15 ft. x 18 ft. adjoined. Here a plank bench and clothes hooks extended entirely around the sides. A fee of five cents was charged for the use of the dressing rooms, not for the money value but in order to control the situation and give those desirous of privacy and additional comfort a chance for same. Valuables were checked and the management took full responsibility for such. The loss of personal property was entirely negligible. A splendid raft with diving-board, diving-tower and slide was constructed and anchored a convenient distance from shore. This raft was discussed in a National magazine for its completeness of

construction. Two shower-baths were installed near the bathhouse, proving a great source of pleasure and convenience and a new chemical toilet replaced the old, unsatisfactory condition. A capable lifeguard was responsible for the safety of bathers and by great caution and vigilance turned what might have been serious accidents into mere incidents. A matron had charge of the bathhouse during the girls' hours while an attendant was provided for the boys' afternoon and evening. The division of time, 9 A. M. to 1 P. M. for girls and the afternoon and evening for boys seemed to work out with splendid success. Every effort was made to have not only a "swimming hole," but a place of instruction, and at the beginning of the season Commodore Wilburt E. Longfellow, head of the life-saving department of the American Red Cross gave a practical demonstration of life-saving, before a large crowd of people.

The following week, through the kindness and with the financial assistance of the local chapter of the Red Cross, Captain Jack Wallace of the Red Cross spent a week, giving full time, in the instruction of swimming and life-saving. With the intensive instruction and the practice during the remainder of the season, scores learned not only to take care of themselves in the water, but to help others in emergency. An aquatic meet was held at the end of the season, which gave the experts a chance to show their ability.

LINCOLN PLAYGROUNDS was a point of concern. Here was undoubtedly one of the best locations in the city for a real thriving playground. Suitable apparatus was secured, the large swings at the Knoll were transferred, a slide, giant stride, see-saws, a set of cradles and a set of box swings for the little tots, sand box, a drinking fountain for the comfort of all and the various games which go to make a busy, active playground were installed.

The programs of both the Meadows and Lincoln Playgrounds were the same. All play was carefully supervised as was all the apparatus, thus preventing rowdyism and minimizing accidents. There was competition in all forms of athletics on each playground and between the grounds. A city playground championship was run off, for which the Home Sector presented a trophy to be won three years before becoming the permanent property of any playground. Both boys and girls were divided into Junior and Senior groups and events were: baseball, basketball, tetherball, volleyball, quoits, track meets, tennis tournaments and athletic badge tests. Winning each event scored a certain number of points for that playground. Out of a possible 69 points Lincoln won the championship with 37. In an inter-city baseball playground championship, a Melrose Senior team won from Reading. There was story-telling and card sewing for the little people. Folk dancing was carried on for the girls. Basketry was an immense success. At

the Lincoln playground there were 107 in the class with over 200 baskets completed. Business and pleasure were combined here, as many of the children sold their baskets; a cost charge was made for the reed used. The display of these splendidly made baskets was most interesting at the end of the season, many of the prize winners being exhibited in Brock Brothers' windows.

"Mothers' Day" on each of the playgrounds, just previous to closing, was the occasion for demonstration of athletics, presentation of prizes, exhibition of basketry, etc. Speeches were made by His Honor, Mayor Angier L. Goodwin; the Hon. Charles H. Adams, Chairman of the Park Commission; Robert A. Perkins and Dr. Arthur L. Grose of the Community Service. (Community Service did much to stimulate the local playground issue.)

All prizes given at these meets were for athletic championship and basketry and were the gifts of Chairman Robert A. Perkins.

The attendance at the three points was as follows:

Daily Average

Ell Pond, 584.11; Messenger's Meadows, 196.21; Lincoln, 240.18.
Total, 1020.48.

Highest Day's Attendance

Ell Pond, 1575; Messenger's Meadows, 435; Lincoln 395. Total, 2,405.

Grand Total for Eight Weeks

Ell Pond, 28,037; Messenger's Meadows, 9,418; Lincoln, 11,528.
Total, 49,823.

These figures show the appreciation of the young people for proper playgrounds. Practically all the Boston dailies carried pictures and news articles of the beach and playgrounds. The beach proved a big drawing card for all the nearby cities.

The personnel who did such splendid work under the direction of Mr. Surbeck were:

Ell Pond—Lifeguard, Victor Gabriel; bathhouse attendant for boys, Howard Cummings; matron for girls, Miss Hazel Syrette.

Messenger's Meadows—The Misses Grace and Dorothy Sherburne.

Lincoln—Miss Evelyn Fuller.

To this list might be added a great many names of those who gave invaluable service.

FALL SPORTS

Most of the play areas have been kept in condition for fall sports. Messenger's Meadows, on account of its larger area and superior equipment, has been largely used.

Unfortunately an accident occurred during the final football game of the season.

Strong portable bleachers had been used to increase the seating capacity of this playground. They were secured from responsible manufacturers and had been recommended for just such usage as bleachers ordinarily get during exciting competitive games. In spite of this and the utmost care in erecting them several sections did not stand the strain placed upon them and collapsed during the Thanksgiving Day football game. Fortunately no one was apparently seriously injured, although there were numerous regrettable minor injuries.

ELL POND KNOLL

Post No. 90, American Legion, has planted and marked thirty-two (32) Memorial trees around this Knoll in memory of the Melrose boys who gave their all in the great World War. The trees will be carefully guarded and nurtured.

BOYLEN SQUARE

During the year an area at the junction of Green and Franklin streets has been improved and a suitable boulder and tablet placed there, under the auspices of the American Legion, Post No. 90, co-operating with the city government, in memory of William C. N. Boylen, the first of the Melrose boys to be killed in action.

WINTER SPORTS

Work has been started on the upkeep of a regular hockey rink north of Ell Pond and we have installed an additional rink on the ice at Ell Pond so that two rinks may be available during the skating season. Other areas will be flooded for skating on areas less dangerous than Ell Pond.

CHANGES IN PERSONNEL

During the past year Mr. Andrew F. Evers, one of the most active members of the Park Commission resigned, and Mr. R. J. Lord was appointed and confirmed for the balance of Mr. Evers' term.

RECOMMENDATIONS AND SUGGESTIONS FOR 1923

With the success of the past season prominently in mind—par-

ticularly in reference to the utilization of play areas under proper supervision—we hope to increase the scope of our efforts this year.

MELROSE COMMON PLAYGROUND

There is a great demand for the development of this area for properly supervised play. Its location is ideal in that it is close to the homes of a great many small children and it is away from any large volume of commercial traffic. New, substantial bleachers, also tennis courts and additional play apparatus are badly needed and will be installed if appropriations are available.

BOWDEN PARK

Through the generosity of Mr. F. P. Bowden an area near the Melrose Depot, which is partly bounded by West Emerson street, Vinton street and Cedar Park was offered to the city on September 16, 1920, under certain specified conditions, and this offer was later accepted and confirmed by the City Government.

One of the conditions of the deed of gift was that immediately after acceptance the Park Commissioners should have plans made for the development of this area in accordance with the deed of gift and that Mr. F. P. Bowden would pay for such plans. These plans were made under the supervision of this board and approved—and have been paid for by Mr. Bowden.

Another condition of the deed of gift was that the area must be developed in accordance with such approved plans on or before January 1st, 1925. Mr. Bowden's gift was most generous and the time limit specified for development ample. However, up to the present time no appropriation for this development has been approved and the date is fast approaching when the time limit will expire. We, therefore, are again requesting an appropriation to carry out the approved plans which we have on file.

LINCOLN PLAYGROUND

Being adjacent to the Lincoln School gives this area one of its greatest advantages. Further grading and additional apparatus are urgently needed.

ELL POND PARK

Carefully laid out plans for the complete development of this area are still on hand, but costs have so greatly increased since original estimates were made and appropriations requested that little new con-

struction has been attempted. As funds are made available it is our intention to carry out the original plans for development here. At present a Citizens' Committee is working out a plan for some sort of a Memorial Athletic Field which may become an eventuality on part of this area.

ELL POND EMBANKMENT

On account of greatly increased costs it seems unwise at the moment to complete the present plans for development here. Careful plans are already provided for this area and it is hoped that conditions will arise shortly when this development can be fully completed.

SEWELL WOODS PARK

This natural beauty spot is worthy of greater use and development. There is an excellent location here for a natural wooded play area. Storm-damaged trees will be repaired or removed and the area kept in good condition.

ELL POND PAVILION

Some time ago plans were prepared and approved for a much needed general pavilion at Ell Pond Point. The plans call for a spacious building entirely suitable for winter, as well as summer sports. An appropriation is requested for this much needed improvement.

HORACE MANN PARK

This area requires replanting to a large extent and to some extent the relocation of part of one of the main walks. We hope to do such necessary work there this summer. It was used a great deal for a resting spot and kept in good condition during the past year.

SUPERVISED PLAY

Mr. C. J. Surbeck, who was so successful in supervising the Playground Activities the past year, will doubtless be found in the same position this year.

ACTIVE SUPERVISION

If appropriations are sufficient it is our hope and expectation to secure the services of a working executive, who can be in very close working contact with any improvements and upkeep which may develop during the coming year. The services of such a man are badly needed.

We urgently request that we be granted the following appropriations for the year 1923:

Parks, General Administration:

Salaries and Wages	\$300	
Other Expenses	200	
Lighting	332	
		————— \$832

Parks and Gardens:

Salaries and Wages	\$3,000	
Improvements and Additions	300	
Other Expenses	750	
		————— \$4,050

Playgrounds:

Salaries and Wages	\$3,500	
Improvements	200	
Other Expenses	2,500	
		————— \$6,200

Bathhouses:

Salaries and Wages	\$800	
Improvements	250	
Other Expenses	800	
		————— \$1,850

Winter Sports:

Appropriation (special)	\$1,500	
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Bowden Park:

Estimated cost to comply with approved plans	7,000	
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Pavilion at Ell Pond Point:

Estimated cost to build proposed building	\$35,000	
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HARRY N. VAUGHN,
ROBERT A. PERKINS,
GUSTAF E. JOHNSON,
RICHARD J. LORD,
ADDISON L. WINSHIP,
Melrose Park Commission.

Report of Soldiers' Relief Department

Melrose, February 10, 1923.

To His Honor, the Mayor, Paul H. Provandie,
and the Honorable Board of Aldermen,

City of Melrose,

Gentlemen:—

I hereby submit the following report for State and Military Aid
and Soldiers' Relief Departments for the year 1922.

State Aid	\$1,956.00
Military Aid	400.00
Soldiers' Relief:	
Cash	\$3,988.00
Fuel	683.56
Rent	156.00
Medicine	11.71
Doctors	106.00
Nursing	46.50
Dry Goods	7.58
	\$4,999.35

Report of Burial Agent

1 Burial	\$2.00
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Respectfully submitted,

MARY A. KENAH, Agent.

Report of City Collector

TAX 1919

Uncollected Dec. 31, 1921.....	\$1,176.41	
Abated in 1922.....		\$602.02
Paid Treasurer 1922.....		548.65
Uncollected Dec. 31, 1922.....		25.74
	\$1,176.41	\$1,176.41

TAX 1920

Uncollected Dec. 31, 1921.....	\$67,097.43	
Abated in 1922.....		\$1,245.41
Paid Treasurer		53,520.79
Uncollected Dec. 31, 1922.....		12,331.23
	\$67,097.43	\$67,097.43

TAX 1921

Uncollected Dec. 31, 1921.....	\$272,510.30	
Abated in 1922.....		\$2,127.17
Paid Treasurer in 1922.....		192,467.46
Uncollected Dec. 31, 1922.....		77,915.67
	\$272,510.30	\$272,510.30

TAX 1922

Warrant	\$780,326.70	
Additional	1,534.50	
Abated in 1922.....		\$6,996.07
Paid Treasurer in 1922.....		493,157.73
Uncollected Dec. 31, 1922.....		281,707.40
	\$781,861.20	\$781,861.20

RECAPITULATION

Paid to Treasurer on Taxes	\$739,694.63
Street Sprinkling	13,422.85
Water	55,917.51
Water Summons	124.80
Sewers	3,033.18
Sewers Interest	681.23
Sidewalks	6,867.31
Sidewalks Interest.....	1,341.62
Collector's Receipts	1,024.23
General Interest	13,374.71
Betterments	3,826.05
Betterments Interest	662.77
Moth	102.10
Takings and Possessions.....	3,586.53
Takings and Possessions Interest.....	1,258.25
Takings Street Sprinkling.....	124.53
Takings Betterment	19.78
Betterment Interest	9.00
Takings Moth	2.10
	\$845,073.18

Respectfully submitted,

WILLIAM A. CARRIE,
City Collector.

City Clerk's Report

Licenses and fees received in the City Clerk's department from
January 1, 1922 to December 31, 1922.

Mortgages, 10 at 75c	\$7.50
Mortgages, 85 at \$2.00	170.00
Release of Mortgages, 2 at 25c	.50
Release of Mortgages, 28 at 50c	14.00
Release of Mortgages, 1 extra	.50
Marriage Intentions, 202 at \$1.00	202.00
Motor Vehicle Licenses, 12 at \$10.00	120.00
Itinerant Musician, 1 at \$1.00	1.00
Drivers' Licenses, 9 at \$1.00	9.00
Hackney Carriage Licenses, 9 at \$1.00	9.00
Auctioneers' Licenses, 11 at \$2.00	22.00
Bowling Alleys, 2 licenses at \$10.00	20.00
Gunpowder and Firearms, 1 at \$1.00	1.00
Pool and Billiards, 7 tables at \$5.00	35.00
Junk Licenses, 6 at \$10.00	60.00
Second-hand Junk Shops, 3 licenses at \$10.00	30.00
Jobbing Licenses, 32 at \$1.00	32.00
Gasoline Licenses, 5 at \$1.00	5.00
Renewal Gasoline Licenses, 55 at 50c	27.50
Intelligence Office, 3 at \$1.00	3.00
Miscellaneous Licenses	48.60
Business Notices, 17 at 25c	4.25
Dog Tax, June	104.20
Dog Tax, December	38.40
	\$964.45
Paid City Treasurer	964.45
Appropriation in Budget for City Clerk's Department—	
Salaries and Wages	\$2,650.00
Salaries paid as per Auditor's Report	2,650.00
Appropriation in Budget for City Clerk's Department—	
Other Expenses	400.00
Bills paid as per Auditor's Report	399.33
Balance due December 31, 1922 ..	.72
Appropriation in Budget for City Clerk's Department—	
Vital Statistics	\$300.00

Bills paid as per Auditor's Report	300.00
Appropriation in Budget for printing and distributing the City Report	1,000.00
Bills paid as per Auditor's Report	943.29
Balance due December 31, 1922	\$56.71
Appropriation in Budget for Election and Registration—	
Salaries and Wages	\$2,400.00
Salaries and Wages	90.85
Salaries and Wages	200.00
	\$2,690.85
Bills paid by Auditor	2,690.85
Appropriation in Budget for Election and Registration—	
Other Expenses	\$900.00
Other Expenses	364.10
Other Expenses	450.00
	\$1,714.10
Bills paid by Auditor	1,695.28
Balance due December 31, 1922	\$18.82

DOG LICENSES

Male dogs, 621 at \$2.00	\$1,242.00
Female dogs, 92 at \$5.00	460.00
	\$1,702.00
Licenses, 713 less fees at 20c each paid City Treasurer	142.60
Paid to County Treasurer	\$1,559.40

HUNTING, FISHING AND TRAPPING LICENSES

Combination Licenses, 121 at \$2.00	\$242.00
Hunting Licenses, 91 at \$1.50	136.50
Fishing Licenses, 119 at \$1.00	119.00
Trapping Licenses, 10 at 25c	2.50
Total	\$500.00

Respectfully submitted,

W. DeHAVEN JONES,
City Clerk.

Report of City Treasurer

Melrose, Mass., March 14, 1923.

To the Honorable, the Mayor and the Board of Aldermen.

Gentlemen:—

I beg to hand you herewith my report of the operations of the Treasury Department for the year 1922.

Yours respectfully,

W. R. LAVENDER,
City Treasurer.

CASH STATEMENT FOR 1922

Cash in bank and office January 1, 1923	\$102,000.82
Receipts January 1, 1922, to December 31, 1922	1,895,876.24
	\$1,997,877.06
Payments January 1, 1922 to December 31, 1922	1,932,468.45
Balance Cash in banks and office	\$65,408.61
For details see Report of City Auditor.	

W. R. LAVENDER,
Treasurer.

Showing the Different Sources of the City Revenue and the
Amount Received from Each, as Required by
Chapter 5, Section 3, City Ordinances

Real Estate by Possessions.....	\$348.35
Tax Taking.....	3,257.96
Soldiers' Exemption.....	690.00
Taxes 1919.....	572.17
Taxes 1920.....	53,520.79
Taxes 1921.....	192,488.89
Taxes 1922.....	493,153.73
Bank and Corporation Tax.....	27,362.96
Street Railway Tax	326.41
Income Tax.....	59,368.71
Licenses, Druggist Liquor.....	1.00
Licenses, All Others.....	929.46
Permits, Marriage.....	140.00
Permits, All Others.....	12.50
Fines and Forfeits, Court Fines.....	743.28
Dog Tax	1,393.65
Street Sprinkling.....	13,493.65
Moth Extermination.....	115.55
Sewer Assessments.....	3,033.18
Sidewalks and Curbing Assessments.....	6,867.31
Betterments, Morgan Street.....	12.48
" Goss Avenue.....	20.45
" Warwick Road.....	60.49
" Nowell Road.....	26.04
" East Wyoming Avenue.....	3.37
" Spear Street.....	108.39
" Corey Street.....	116.29
" Hancock Street and Mountain Avenue.....	234.04
" East Emerson Street.....	38.02
" Garfield Road.....	29.99
" First Street.....	24.45
" Harold Street.....	19.95
" Lynde Avenue.....	88.14
" Stevens Road.....	180.21
" Hopkins Street	108.00
" Argyle Street.....	39.44
" Natalie Avenue	293.82
" Folsom Avenue.....	232.31
" Lincoln St.....	76.23
" Garden Street.....	23.11

REPORT OF CITY TREASURER

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Betterments, Geneva Road.....	50.71
“ Sears Avenue.....	574.50
“ Orient Place.....	97.43
“ Orient Park.....	93.45
“ Waverly Place.....	1,259.08
“ Sanford Street.....	15.66
Treasurer, Other Expenses.....	2.00
Collector, Other Expenses.....	64.50
Collector, Receipts.....	1,024.23
City Clerk, Receipts.....	417.55
Public Works, Other Expenses.....	20.00
Public Works, Receipts.....	15.84
City Hall, Receipts.....	1,132.25
Auditorium, Other Expenses.....	1.98
Auditorium, Receipts.....	5,860.67
Police Department, Other Expenses.....	2.00
Police Department, Receipts.....	47.00

Amount forward..... \$870,233.62

Amount forward.....	\$870,233.62
Fire Department, Other Expenses.....	1.50
Fire Department, Receipts.....	52.00
Sealer of Weights and Measures.....	72.57
Forestry, Care of Trees.....	17.94
“ Other Insect Pests.....	3.12
“ Planting Trees.....	51.50
Health Receipts.....	505.54
Sewer Maintenance, Receipts.....	148.40
Sewer Construction.....	52.29
Sewer, Private.....	9,063.34
Surface Drainage Construction.....	73.27
Sanitation, Killing Dogs.....	17.00
Street Lighting.....	270.00
Highways, Construction.....	350.00
Highways, Repairing.....	467.36
Sidewalks, Individual.....	2,300.50
Sidewalks, Repairs, Present Walks.....	27.00
Charity, Outside Relief.....	10.00
Charity, Receipts.....	3,498.50
State Aid.....	12.00
Soldiers' Burial.....	120.00
Commonwealth of Massachusetts.....	2,874.01

Schools, Other General Expenses.....	20
“ Teachers’ Salaries.....	63.12
“ Textbooks and Supplies.....	8.85
“ Furniture and Furnishings.....	23.28
“ Receipts	8,507.21
Park Department, Receipts.....	352.24
Insurance	130.39
Insurance, Fire Loss Flagpole City Hall.....	257.51
Rental of Tremont Street Property.....	148.00
Water, Income.....	56,076.07
“ Maintenance	66.18
“ Inside Service	5,040.92
Public Scales Receipts.....	39.10
Cemetery Receipts	10,764.75
Cemetery Interest Received on Trust Funds.....	2,519.71
Interest Receipts	20,593.30
Temporary Loans.....	750,000.00
Permanent Loans.....	57,690.00
Surface Drainage Bonds.....	20,000.00
Water Bonds	17,000.00
Water Loan, Premium Fund.....	148.83
Sewer Loan, Premium Fund.....	182.40
Surface Drainage Loan Premium Fund.....	182.40
Sidewalk Loan Premium Fund.....	182.40
Highway Loan Premium Fund.....	123.09
Temporary Loan Premium Fund.....	25.32
Water Loan Sinking Fund Commissioners.....	10,000.00
Cemetery Trust Fund.....	7,714.00
E. Toothaker Fund.....	61.12
Pay Roll Tailings and Unclaimed Accounts.....	1.05
Ambulance Fund.....	25.00
Guaranty Deposits	300.00
Cemetery Trust Fund Investment Account.....	15,119.46
Levi S. Gould School Medal Fund.....	42.50
A. C. Marie Currier Fund.....	1,800.00
Sarah E. Fitch Fund.....	30.00
Norman F. Hesseltine Fund.....	4.25
Community Civics Fund.....	2.13
J. C. F. Slayton Organ Fund.....	400.00
Board of Survey.....	30.00

\$1,895,876.24

BONDS AND NOTES OF THE CITY OF MELROSE, OUTSTANDING DEC. 31, 1923

And Amount Maturing Each Year Until All Are Paid

YEAR	Permanent Loans	Water Bonds	Sewer Bonds	School Bonds	Surface Drainage	Auditorium Bonds	Totals
1923	\$52,740.00	\$19,500.00	\$8,500.00	.....	Bonds \$22,500.00	\$2,000.00	\$105,240.00
1924	42,000.00	9,000.00	107,500.00	.....	12,000.00	2,000.00	172,500.00
1925	27,500.00	46,000.00	107,500.00	.....	12,000.00	2,000.00	195,000.00
1926	22,000.00	8,000.00	57,500.00	.....	11,500.00	2,000.00	101,000.00
1927	21,000.00	7,000.00	6,500.00	.....	11,500.00	2,000.00	48,000.00
1928	14,500.00	7,000.00	5,500.00	.....	10,500.00	2,000.00	39,500.00
1929	14,000.00	7,000.00	5,500.00	\$78,000.00	10,000.00	2,000.00	116,500.00
1930	10,500.00	5,000.00	4,500.00	.....	8,500.00	2,000.00	30,500.00
1931	2,000.00	4,000.00	4,500.00	.....	6,500.00	2,000.00	19,000.00
1932	1,000.00	3,000.00	3,500.00	.....	103,000.00	.....	110,500.00
1933	.....	.....	1,500.00	.....	1,000.00	.....	2,500.00
1934	.....	.....	1,000.00	.....	1,000.00	.....	2,000.00
1935	.....	.....	10,500.00	.....	500.00	.....	11,000.00
1936	.....	.....	.....	.....	.....	.....	.....
1937	.....	.....	20,000.00	.....	.....	.....	20,000.00
1938	.....	.....	10,000.00	.....	.....	.....	10,000.00
1939	.....	.....	10,000.00	.....	.....	.....	10,000.00
1940	.....	.....	10,000.00	.....	.....	.....	10,000.00
1941	.....	.....	10,000.00	.....	.....	.....	10,000.00
1942	.....	.....	10,000.00	.....	.....	.....	10,000.00
Totals	\$207,240.00	\$115,500.00	\$394,000.00	\$78,000.00	\$210,500.00	\$18,000.00	\$1,023,240.00

TOTAL NOTES AND BONDS OUTSTANDING

Total Notes and Bonds Outstanding..... \$1,023,240.00

To be paid from Sinking Funds:

Water Bonds 1923	\$5,000.00	
Water Bonds 1926.....	38,000.00	\$43,000.00
Sewer Bonds 1924.....	\$100,000.00	
“ “ 1925.....	100,000.00	
“ “ 1926.....	50,000.00	
“ “ 1937.....	20,000.00	
“ “ 1938.....	10,000.00	
“ “ 1939.....	10,000.00	
“ “ 1940.....	10,000.00	
“ “ 1941.....	10,000.00	310,000.00
School Bonds 1929.....	78,000.00	
Surface Drainage Bonds 1932..	100,000.00	\$531,000.00
Payable from Sinking Funds.....	\$531,000.00	
Payable from Taxes.....		\$492,240.00

CEMETERY TRUST FUND

Amount in Fund, Jan. 1, 1922.....	\$74,307.05	
Added to Fund in 1922.....	7,714.00	\$82,021.05
Gain by purchase of 5 Liberty Bonds in 1922		52.00
		\$82,073.05
Securities in Fund, Dec. 31, 1922 as per list attached	\$79,190.00	
Amount in Fund awaiting Investment....	2,883.05	\$82,073.05

CEMETERY TRUST FUND

LIST OF SECURITIES IN FUND DEC. 31, 1922

Security	No.	Dated	Due	Rate	Amount
City of Melrose Note		May 20, 1918	May 20, 1923	4%	\$500.00
City of Melrose Note		May 20, 1918	May 20, 1924	4%	500.00
City of Melrose Note	125	June 1, 1920	June 1, 1923	4%	1,000.00
City of Melrose Note	126	June 1, 1920	June 1, 1926	4%	1,000.00
City of Melrose Note	127	June 1, 1920	June 1, 1927	4%	1,000.00
City of Melrose Note	186	June 19, 1922	June 19, 1923	4%	1,000.00
City of Melrose Note	187	June 19, 1922	June 19, 1924	4%	1,000.00
City of Melrose Note	74	June 7, 1919	June 7, 1923	4%	1,000.00
City of Melrose Note	75	June 7, 1919	June 7, 1924	4%	1,000.00
City of Melrose Note	200B	Aug. 3, 1922	Aug. 3, 1923	4%	250.00
City of Melrose Note	198B	Aug. 3, 1922	Aug. 3, 1923	4%	1,000.00
City of Melrose Note	199B	Aug. 3, 1922	Aug. 3, 1924	4%	700.00
City of Melrose Note		Aug. 12, 1919	Aug. 12, 1923	4%	500.00
City of Melrose Note	198A	Sept. 11, 1922	Sept. 11, 1923	4%	1,000.00
City of Melrose Note	199A	Sept. 11, 1922	Sept. 11, 1924	4%	1,000.00
City of Melrose Note	200A	Sept. 11, 1922	Sept. 11, 1925	4%	1,000.00
City of Melrose Note	201A	Sept. 11, 1922	Sept. 11, 1926	4%	500.00
City of Melrose Note	202	Sept. 11, 1922	Sept. 11, 1923	4%	1,000.00
City of Melrose Note	203	Sept. 11, 1922	Sept. 11, 1923	4%	1,000.00
City of Melrose Note	99	Sept. 18, 1919	Sept. 18, 1923	4%	500.00
City of Melrose Note	100	Sept. 18, 1919	Sept. 18, 1924	4%	500.00
City of Melrose Note	9	Nov. 25, 1914	Nov. 25, 1923	4%	2,000.00
City of Melrose Note	10	Nov. 25, 1914	Nov. 25, 1924	4%	2,000.00
City of Melrose Note	11	Nov. 25, 1914	Nov. 25, 1925	4%	2,000.00
City of Melrose Note	12	Nov. 25, 1914	Nov. 25, 1926	4%	2,000.00
City of Melrose Note	13	Nov. 25, 1914	Nov. 25, 1927	4%	2,000.00
City of Melrose Note	14	Nov. 25, 1914	Nov. 25, 1928	4%	2,000.00
City of Melrose Note	15	Nov. 25, 1914	Nov. 25, 1929	4%	2,000.00
City of Melrose Note	224	Nov. 25, 1922	Nov. 29, 1923	4%	1,000.00
City of Melrose Note	225	Nov. 29, 1922	Nov. 29, 1924	4%	1,000.00
City of Melrose Note	226	Nov. 29, 1922	Nov. 29, 1925	4%	1,000.00
City of Melrose Note	227	Nov. 29, 1922	Nov. 29, 1926	4%	1,000.00
City of Melrose Note	228	Nov. 29, 1922	Nov. 29, 1927	4%	500.00
City of Melrose Note	176	Jan. 18, 1922	Jan. 18, 1924	4 1/4 %	800.00
City of Melrose Note	178	Jan. 18, 1922	Jan. 18, 1924	4 1/4 %	1,000.00
City of Melrose Note	179	Jan. 18, 1922	Jan. 18, 1925	4 1/4 %	1,000.00
City of Melrose Note	180	Feb. 6, 1922	Feb. 6, 1923	4 1/4 %	1,000.00
City of Melrose Note	181	Feb. 6, 1922	Feb. 6, 1923	4 1/4 %	350.00
City of Melrose Note	182	Feb. 6, 1922	Feb. 6, 1924	4 1/4 %	1,000.00
City of Melrose Note	183	Feb. 6, 1922	Feb. 6, 1925	4 1/4 %	1,000.00
City of Melrose Note	184	Feb. 6, 1922	Feb. 6, 1923	4 1/4 %	1,340.00
City of Melrose Note	185	Feb. 6, 1922	Feb. 6, 1924	4 1/4 %	1,000.00
City of Melrose Note	137	Feb. 24, 1921	Feb. 24, 1923	4 1/2 %	1,000.00
City of Melrose Note	138	Feb. 24, 1924	Feb. 24, 1924	4 1/2 %	1,000.00
City of Melrose Note	145	Mar. 6, 1921	Mar. 6, 1927	4 1/2 %	1,000.00
City of Melrose Note	146	Mar. 6, 1921	Mar. 6, 1928	4 1/2 %	1,000.00
City of Melrose Note	147	Mar. 6, 1921	Mar. 6, 1929	4 1/2 %	1,000.00
Surface Drg. Bonds	230-234	Sept. 1, 1917	Sept. 1, 1923-27	4%	2,500.00
			5 @ \$500.00		
Surface Drg. Bonds	240-244	Aug. 1, 1918	Aug. 1, 1924-28	4%	2,500.00
			5 @ \$500.00		
Surface Drg. Bonds	273-280	Aug. 1, 1920	Aug. 1, 1923-30	4%	8,000.00
4th Liberty Bond	E00432675	Oct. 24, 1918	Oct. 24, 1938	4 1/4 %	6,000.00
	F00432676		6 @ \$1,000.00		
	G00119257				
	H00119258				
	J00119259				
	K00119260				
4th Liberty Bond	K00011960	Oct. 24, 1918	Oct. 24, 1938	4 1/4 %	1,000.00
	A00011961		2 @ \$500.00		
3rd Liberty Bonds	134975	May 9, 1918	Sept. 15, 1928	4 1/4 %	5,000.00
	1584059				
	1588204				
	61347-48				
Melrose Sewer Bond	21	July 1, 1896	July 1, 1926	4%	1,000.00
City of Melrose Note	173	Jan. 13, 1922	Jan. 13, 1923	4 1/4 %	1,850.00
City of Melrose Note	174	Jan. 13, 1922	Jan. 13, 1923	4 1/4 %	400.00
City of Melrose Note	175	Jan. 18, 1922	Jan. 18, 1923	4 1/4 %	1000.00
City of Melrose Note	177	Jan. 18, 1922	Jan. 18, 1923	4 1/4 %	1000.00

\$79,190.00

E. TOOTHAKER FUND

Amount in Fund January 1, 1922.....	\$118.84
Receipts of Fund in 1922.....	61.12
Amount in Fund Dec. 31, 1922.....	\$179.96

LEVI S. GOULD SCHOOL MEDAL FUND, INCOME ACCOUNT

Amount in Fund January 1, 1922.....	\$164.77
Receipts of Fund in 1922.....	42.50
Amount in account Dec. 31, 1922.....	\$207.27

Securities Owned by Fund Dec. 31, 1922

1 4th Liberty Bond, 4¼%, No. 1849863.....	\$1,000.00
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A. C. MARIE CURRIER FUND

Receipts of Fund 1922.....	\$1,800.00
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SARAH E. FITCH FUND, INCOME ACCOUNT

Amount in account January 1, 1922.....	\$117.80
Receipts for 1922.....	30.00
Amount in account Dec. 31, 1922.....	147.80

Securities Owned by Fund Dec. 31, 1922

5 Bonds American Telegraph and Telephone Co., 6%, Nos. 66103 to 66107.....	\$500.00
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NORMAN F. HESSELTINE FUND, INCOME ACCOUNT

Amount in account January 1, 1922.....	\$5.22
Receipts in 1922.....	4.25
Amount in account Dec. 31, 1922.....	\$9.47

Securities Owned by Fund, Dec. 31, 1922

1 4th Liberty Bond, 4¼%, No. 3580641.....	\$100.00
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100TH ANNIVERSARY TOWN OF MELROSE FUND

Balance of account January 1, 1922.....	\$41.03
Receipts in 1922.....	2.78
Amount in Fund, Dec. 31, 1922.....	\$43.81

Securities in Fund, Dec. 31, 1922

Bank Book, Melrose Savings Bank, No. 448	
Showing amount on deposit Dec. 31, 1922	43.81

COMMUNITY CIVICS FUND INCOME ACCOUNT

Balance of account January 1, 1922.....	\$7.11
Receipts in 1922.....	2.13
Balance of account Dec. 31, 1922.....	\$9.24

Securities in Fund, Dec. 31, 1922

1 3rd Liberty Bond, 4¼%, No. 688321.....	\$50.00
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J. C. F. SLAYTON ORGAN FUND INCOME ACCOUNT

Receipts of Fund 1922.....	\$400.00
Deposited in Melrose Savings Bank	
Book to credit of Auditorium Advisory Committee.	

Securities Owned by Fund Dec. 31, 1922

Registered Certificate of Corporation Stock of City of New York, 4%, No. 640, due May 1, 1959.....	\$10,000.00
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Report of Police Department

To the Honorable Paul H. Provandie, Mayor, and the Members of
the Honorable the Board of Aldermen
of the City of Melrose.

Gentlemen:—

In compliance with Chapter 33 of the Ordinances of this city, I respectfully submit the following report of the doings of the Police Department for the year 1922:

Appropriation: Salaries and Wages	\$34,300.00	
Expenditures	33,826.41	
	\$473.59	
Transfer to other expenses	46.97	
Balance		\$426.62
Appropriation: Other Expenses	\$1,100.00	
Transfer from Equipment and Repairs	200.00	
Transfer from Salaries and Wages	46.97	
	\$1,346.97	
Expenditures	1,346.97	
Balance		0,000.00
Appropriation: Equipment and Repairs	\$858.00	
Expenditures	623.24	
	\$234.76	
Transfer to other expenses	200.00	
Balance		\$34.76

Offences for which complaints have been made in Court 153

MISCELLANEOUS REPORT

Accidents reported	43
Arrests for out-of-town officers	6
Abandoned automobiles recovered	4
Animals found and returned	2

Articles found and returned to owners	5
Automobiles stopped and warned	142
Board of Health notices served	4
Boys playing ball in the streets warned	8
Boys throwing missiles in streets warned	3
Cases and complaints investigated	227
Cats disposed of	5
Dangerous places reported	1
Defects in streets reported	56
Defects in sidewalks reported	17
Disturbances suppressed	12
Dogs disposed of	5
Doors and windows found open and secured	107
Electric and telephone wires burning trees	10
Electric and telephone wires reported down.....	14
Fire alarms attended by Officers.....	67
Fire alarm given by Officer	1
Investigation of jurymen	35
Lights reported out	211
Lanterns hung in dangerous places	16
Lost persons found	2
Letters delivered for City Clerk	2,411
Leaks in water pipes reported	21
Messages delivered	16
Miscellaneous letters and notices delivered	9
Obstructions in streets removed	4
Persons assisted home	5
Summonses served	105
Value of property recovered	\$3,079.00
Duty calls from patrol boxes	33,516
Telephone calls from patrol boxes.....	3,137
Wagon calls from patrol boxes.....	24
Ambulance calls	171

I beg leave to call your attention to the report of the Inspector which is appended hereto:

REPORT OF INSPECTOR OF POLICE FOR 1922

December 31, 1922.

George E. Kerr, Chief of Police,
Melrose, Mass.

I respectfully submit the following report of my doings as Inspector of Police for the year 1922.

WILLIAM T. FAHY.

Arrests, On warrants	6
Arrests, Acts of violation	16

INVESTIGATIONS

Assaults, Indecent	1
Assaults, With dangerous weapon	1
Assaults, Simple	14
Automobiles, Stolen	4
Automobiles, Attempt to steal	3
Automobiles, Under suspicion for liquor violation	6
Automobiles, Unlawfully appropriated	1
Automobiles, Reckless drivers reported to H. C.	2
Automobiles, Accidents	14
Abuse of animals	3
Abuse of children	2
Anonymous Letters	7
Accosting women on street	3
Annoying persons on street	5
Breaks and attempts to break	17
Breaking street lights	9
Breaking windows	7
Breaking street signs	4
Bowling Alleys visited, inspection, etc.	14
Bicycles stolen	13
Conferences at station	31
Canvassers interviewed on street and identity established	30
Crap Games, operating	6
Crap Games raided	2
Children lost	9
Cigarettes, Selling to minors	8
Committees, Hearings attended, B. of A.	2
Destroying City Property—lanterns, barriers	5
Disturbances in public streets	6
Disorderly Conduct in lunch room	1
Dogs running mad and shot	2
Dogs injured and shot	1
Dance Halls visited	7
District Attorney Middlesex	3
District Attorney Los Angeles, Calif.	1
Description of stolen property sent out	109
Descriptions of persons with records furnished	11
Drug Pedlers	2
Fires, False alarm	3
Fires, for State Police.....	3

Fires, for Captain Laffey.....	2
Fire Alarms answered and assistance given	7
False Key Workers	2
Fruit Thieves	30
Firearms, Law on regulation enforced	1
Firearms, Discharging within city limits	3
Firearms, Carrying unlawfully	3
Finger Print, Attendance at Convention	
Gas Meter Thieves	3
Gas Stealing	1
Gambling Device ordered stopped	1
Hens, Stealing	7
Hens, Poisoning	2
Hens, Destroying property of others	5
Holdups	2
Holdups, Attempts	3
Insanity	2
Jakey, Stores under suspicion for selling	5
Junk Dealers	10
Larceny of property	7
Liquor, Places under suspicion for selling	17
Liquor Raids	3
Liquor Making, reported to Prohibition E. F. and Inv.....	3
Liquor, Tips investigated under dif.	25
Neighborhood Rows (railing and brawling)	2
New Residents	11
Murder (Interviewed person in Brewster case)	1
Obtaining money under false pretences.....	3
Person injured and thrown on side of road	1
Persons advised to leave city	9
Persons suspiciously missing.....	5
Pool Rooms visited officially	12
Places under suspicion for immorality	1
Police, State; Metropolitan; Other cites and towns.....	7
Raids, Searching for persons on warrants	7
Restitution made (11 cases)	\$471.00
Rape, Attempts on children	3
State Workers assisted in locating girls in custody	3
Staging, Bolts taken out. Persons seriously injured	1
Suspects brought to station	9
Sunday Opening	5
Sneak Thieves	3
Trespassers	7
Trains, Stoning and injuring person	1

REPORT OF POLICE DEPARTMENT

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Telephone box robbed	1
Trunks under suspicion at depot.....	2
Peeping Toms	3
Identifications sought	5
Information furnished other departments and persons	
Schools visited for various reasons	32
Searches made for stolen property—Other Cities	
Summonses Served	17
Emergency Calls answered from station	19
Emergency calls answered with ambulance	4
Vandalism, Wyoming cemetery	2
Vandalism, High School	2
Sick Messages delivered	5
Death Messages delivered	2
Witness, In Supreme Court, Superior and Local Courts	

Recovery of Property includes 4 Bicycles, 1 Auto, Seal, Type Electric Gauge, Battery, Wooden Boxes, Rubber Mat, 10 Gross Pencils \$20, Shot Gun, 12-^{lb}. Shot, Wireless Set, Watch.

Station Duty, Advice Given, Law looked up.

Respectfully submitted,

GEORGE E. KERR,
Chief of Police.

Report of the Cemetery Committee

Melrose, Mass., Feb. 20, 1923.

To the Honorable, the Mayor and Board of Aldermen,
Medrose, Mass.

Gentlemen:—

In accordance with the provisions of Chapter 33, of the Revised Ordinances, the Cemetery Committee beg leave to submit their annual report for the year 1922.

APPROPRIATIONS

Annual Budget, maintenance, etc.	\$12,820.00	
Care of Soldiers' Graves	180.00	
Appropriation Order 14163	957.67	
		\$13,957.67
Expenditures		13,851.31
Balance		\$106.36

Respectfully submitted,

WILLIS C. GOSS,
PETER H. ACKERMAN,
Cemetery Committee.

Annual Report
OF THE
Overseers of the Poor
OF THE
CITY OF MELROSE
FOR THE
Year ending December 31st
1922

Mayor

HONORABLE ANGIER L. GOODWIN

Board of Aldermen

Committee on Education, Health and Charity

WALTER A. T. NORRIS, Chairman

LORIN A. PRESBY

WILLIS A. SMITH

CHARLES B. CAMERLIN

GEORGE H. JACKMAN

ARTHUR L. MARR

JESSE H. HOLT

Overseers of the Poor

ADALINE G. REED.....642 Main Street

THOMAS F. TROY.....19 Green Street

EUGENE L. PACK.....28 Irving Street

Report of Overseers of the Poor

To the Honorable Mayor and Board of Aldermen:—

Gentlemen:—

In compliance with the laws and City Ordinances, the Overseers of the Poor herewith submit their report for the year ending December 31, 1922. The year just closed has given a full quota of perplexing problems and its successor indicates continuance and increased expenditure. Gratefully mindful of your courteous and generous treatment in the past, we will need and appreciate it as we deal with the future.

PARTIAL SUPPORT

Individuals aided.....	302
Adults	124
Children	178
Having settlement in Melrose.....	218
Having settlement elsewhere in state.....	26
Having no known settlement.....	58
Families aided.....	94
Having settlement in Melrose.....	71
Having settlement elsewhere in State.....	7
Having no known settlement.....	16

FULL SUPPORT

Supported in private families.....	2
Children boarded by the State.....	6
At Massachusetts Hospital School.....	2
Supported at Malden City Home.....	1
Supported at State Infirmary.....	9
Cases discharged.....	1
Deaths	4

APPROPRIATIONS

General Administration	\$1,250.00
Outside Relief by City	5,500.00
Relief by Other Cities and Towns	4,500.00
Mothers' Aid	5,000.00
Maintenance in Hospitals	1,000.00

GENERAL ADMINISTRATION

Appropriation	\$1,250.00	\$1,250.00
Salaries of the Board	\$1,100.00	
Expended	140.48	
Excess and Deficiency	9.52	\$1,250.00

OUTSIDE RELIEF BY CITY

Appropriation	5,500.00	\$5,500.00
Expended	5,339.66	
Excess and Deficiency	160.34	5,500.00

RELIEF BY OTHER CITIES AND TOWNS

Appropriation	\$4,500.00	
Transfer from Mothers' Aid	219.70	\$4,719.70
Expended	4,719.70	4,719.70

MOTHERS' AID

Appropriation	\$5,000.00	
Less transfer to Relief by Other Cities and Towns ..	219.70	
Less transfer to Hospitals	483.87	\$4,296.43
Expended	4,267.00	
Excess and Deficiency	29.43	4,296.43

HOSPITALS

Appropriation	\$1,000.00	
Transfer from Mothers' Aid	483.87	\$1,483.87
Expended	1,483.87	1,483.87

RECEIPTS

Reimbursements from Individuals	\$54.00	
Reimbursements from Commonwealth	2,614.98	
Reimbursements from Other Cities and Towns	829.52	\$3,498.50

ELEANOR BROWN TOOTHAKER FUND

January 1, 1922.....	\$1,528.20		
Interest 1922.....	61.12	\$1,589.32	
Expended		55.00	\$1,534.32

COMMUNITY CIVICS CLASS, MELROSE HIGH SCHOOL

Liberty Bond	\$50.00	
Balance from 1921	7.11	
Interest received 1922	2.13	\$59.24

THE A. C. MARIE CURRIER FUND

Balance from 1921	\$2,138.09	
From the Trustees	1,800.00	\$3,938.09
Expended	1,518.35	\$2,419.74

GENERAL ADMINISTRATION

	Salary of clerk	Tele- phone	Office furnish- ings	Post- age	Annual report	Totals
January		\$6.65	\$10.00	.....	.....	\$16.65
February	\$2.45	4.50	4.00	.....	.....	10.95
March		8.09	7.85	\$2.00	.....	17.94
April	1.00	2.05	.50	.....	.....	3.55
May	5.00	1.75	.....	.....	.....	6.75
June .....		.....	.....	.....	23.43	23.43
July	20.00	1.94	10.00	.....	.....	31.94
August		1.81	.....	.....	.....	1.81
September		1.97	.....	.....	.....	1.97
October		2.07	10.00	.....	.....	12.07
November		2.32	.....	.....	.....	2.32
December	2.45	6.71	1.94	.....	.....	11.10
Total	\$30.90	\$39.86	\$44.29	\$2.00	\$23.43	\$140.48

OUTSIDE RELIEF BY CITY

	Cash	Food	Fuel	Rent	Board	Clothes	Medicine	Burials	Transportation	Supplies	Totals
January	\$296.00	\$44.63	\$75.60	\$63.00	\$62.00	\$8.70	\$1.00	\$60.00	.....	.....	\$610.93
February	268.00	53.95	72.75	73.00	85.00	.....	4.40	.....	1.00	.....	558.10
March	296.50	61.49	51.85	61.66	89.00	.....	3.35	.....	16.00	25.00	604.85
April	259.00	18.55	16.00	25.00	60.00	.....	1.40	.....	.....	.....	379.95
May	277.00	10.61	.....	25.00	62.00	6.00	.....	10.00	.....	.....	390.61
June	284.00	21.57	.....	25.00	60.00	4.28	.....	.....	.....	7.50	402.35
July	280.50	18.71	5.75	25.00	62.00	.....	1.00	.....	.....	.....	392.96
August	275.00	14.08	.....	25.00	62.00	.....	.55	.....	.....	.....	377.23
September	291.50	17.91	.....	25.00	60.00	.....	1.45	.....	.....	.....	395.86
October	278.00	26.06	16.00	25.00	62.00	6.00	3.00	.....	.....	.....	416.06
November	281.00	32.14	.....	25.00	60.00	.....	.....	.....	.....	.....	398.14
December	287.00	36.12	.....	25.00	62.00	.....	.....	.....	.....	.....	412.62
Total	\$3,373.50	\$356.42	\$237.95	\$422.66	\$786.00	\$24.98	\$18.65	\$70.00	\$17.00	\$32.50	\$5,339.66

RELIEF BY OTHER CITIES AND TOWNS

	Board of Children	Board in Institutions	Mass. Hosp. School	Board in Hospitals	Cash	Food	Fuel	Medicine	Clothing	Totals
January	.....	.....	.....	.....	.....	\$12.00	\$5.00	.....	.....	\$17.00
February	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.00
March	\$205.72	.....	\$77.14	\$32.00	.....	.....	.....	.....	.....	314.86
April	.....	\$446.14	.....	.....	.....	.....	.....	.....	\$33.56	449.70
May	.....	.....	99.42	.....	.....	.....	.....	.....	.....	99.42
June	210.28	.....	.....	.....	.....	.....	.....	.....	.....	210.28
July	23.71	618.00	.....	.....	.....	.....	.....	.....	.....	641.71
August	.....	33.43	29.14	68.57	159.00	69.00	4.45	.....	.....	363.59
September	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.00
October	262.85	552.00	.....	.....	.....	.....	.....	.....	.....	814.85
November	.....	.....	.....	.....	.....	.....	.....	.....	.....	00.00
December	245.14	896.00	51.43	262.51	267.00	45.00	25.00	16.21	.....	1,808.29
Total	\$947.70	\$2,545.57	\$257.13	\$363.08	\$426.00	\$126.00	\$34.45	\$16.21	\$33.56	\$4,719.70

MOTHERS' AID

	Cash	Food	Medicine	Rent	Total
January	\$232.00	\$4.34	.....	.....	\$236.34
February	228.00	3.92	.....	.....	231.92
March	305.00	.....	.....	.....	305.00
April	285.00	8.54	.....	.....	293.54
May	696.60	.....	.....	.....	696.60
June	334.00	.....	.....	\$13.00	347.00
July	278.00	12.88	\$1.63	.....	292.51
August	272.00	.....	.....	.....	272.00
September	292.00	8.54	.....	.....	300.54
October	224.00	4.65	.....	.....	228.65
November	771.00	4.50	.....	.....	775.50
December	280.00	4.65	2.75	.....	287.40
Total	\$4,197.60	\$52.02	\$4.38	\$13.00	\$4,267.00

HOSPITAL

1922

January	\$442.33
February	133.80
March	93.58
April	00.00
May	145.00
June	9.58
July	79.57
August	00.00
September	7.00
October	11.29
November	348.66
December	213.06
Total	\$1,483.87

THE A. C. MARIE CURRIER FUND

Many mothers with dependent children have good reason to remember the name of A. C. Marie Currier with thankful hearts. The income from the Currier Fund, so-called, provided shoes and rubbers for scores of children who would otherwise have been forced to remain home from school. Clothing, including stockings and underwear, were also bought from the fund, when needed, and a bolt of outing flannel which was made up into children's nightgowns through the kindness of the ladies of the Congregational Church, proved a wise and much appreciated investment.

The Currier Fund Christmas dinners have become an institution in Melrose and need only be mentioned here to remind the reader that the Christmas of 1922 found one hundred and ten families the happier for a generous basket, dispensed as usual through the efficiency of Mrs. Adaline G. Reed.

The clothing for the children of the worthy poor consisted of the following:—

247 prs. shoes	3 overcoats
117 prs. rubbers	3 cap and scarf sets
206 prs. hose	3 prs. pants
48 prs. gloves	1 boy's suit
40 suits underwear	1 cap
28 nightgowns	4 prs. overalls
4 rompers	

MOTHERS' AID

There has been a decrease in cost in cases under the Mothers' Aid Act, through a variety of causes; becoming self-supporting, age limit of children, marriage and removal account for most of it, but some others, by their own acts, rendered themselves ineligible under this law, and reverted to Temporary Aid.

The excellent condition of the families of mothers with dependent children receiving aid under the provisions of the Mothers' Aid law warrants a fairly liberal expenditure, in that the future welfare of these children is assured. Through adequate aid and careful oversight and direction, these families get along very well, the health of the children comparing favorably with that of the average child. In fact, we believe that some of these families are better off than before they were eligible for this aid, as they now have regular weekly income and can plan accordingly. The standard we seek to maintain is such that it rates about the same as the average workingman with a family dependent

upon him is able to maintain. We supply the great bulk of needs, but we do believe in fixing our allowance of a case, to allow a little leeway in order that the incentive to help oneself will not be destroyed.

OUTSIDE RELIEF

We have endeavored to provide for our cases properly and at the same time with as conservative a judgment as possible. We feel that the poor of our city are being provided for adequately and that while such is the case we are careful at all times to safeguard the interests of the people upon whom the burden of taxation must fall. We do not want to maintain our dependent families at a better standard of living than that which the workingman is able to provide for his own family, for the latter is one of the taxpayers who must contribute his share, directly or indirectly, to the public treasury from which the dependent families must be supported. In order to properly care for the needs of the poor, it is necessary that conditions in each family be studied and treated individually, and the amount of aid determined on the merits of the case; as no two cases are alike, no specified amount can be decided upon in advance for certain cases.

The members of the Board invite the co-operation of all citizens who are willing to contribute money, food, clothing or furniture for families in need, and especially in aid of families, who, in time of sickness or misfortune, may, by private relief, be prevented from becoming public charges.

We would express our appreciation for the work and services rendered by the City Physician in co-operation with this Board. The Melrose Hospital has also rendered valuable assistance to our outside poor during the past year.

In presenting this report for 1922, we wish to express our appreciation for the courtesy of the Mayor and Board of Aldermen.

Respectfully submitted,

ADALINE G. REED,
THOMAS F. TROY,
EUGENE L. PACK,

Overseers of the Poor.

Report of City Auditor

Melrose, Mass.

To His Honor the Mayor, and the Board of Aldermen.

Gentlemen:—

I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January, 1922, and ending of the financial year on the thirty-first day of December, 1922, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds were payable, together with a schedule of the City property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the Public Library, and find proper vouchers for, and bank books showing balances as stated by them in their report.

Respectfully submitted,

WILLIAM T. WOLLEY,
City Auditor.

FINANCES

Real Estate	\$20,486,550.00
Personal Estate	2,617,500.00

\$23,104,500.00

Increase in valuation from April 1, 1921 to April 1, 1922. \$627,150.00

Number of dwelling houses April 1, 1922..... 4,048

Number of Polls assessed April 1, 1922..... 5,424

Poulation 18,964

Rate of taxation for \$1,000 April 1, 1922, \$32.60.

Appropriations:

State Tax.....	\$46,560.00
County Tax.....	29,576.48
Sewer Tax.....	21,359.60
Park Tax.....	14,037.11
Highway Tax.....	557.06
Charles River Basin Tax.....	2,213.39
Fire Prevention Tax.....	232.67

War Bonus Bill.....	16,272.00	
City Budget.....	684,835.78	
Overlays	19,182.61	
	\$834,826.70	
Less Receipts.....	54,500.00	
	\$780,326.70	
Bonded Debt Dec. 31, 1922.....		\$798,500.00
Increase: Sewer Bonds.....	20,000.00	
Surface Drainage Bonds.....	20,000.00	
Water Bonds	17,000.00	57,000.00
		\$855,500.00
Decrease:		
Sewer Bonds	6,500.00	
Surface Drainage Bonds.....	10,000.00	
Water Bonds	25,500.00	
Auditorium Bonds	2,000.00	\$44,000.00
Total Bonded Debt Dec. 31, 1922.....		\$811,500.00
Increase \$13,000.00		

MUNICIPAL DEBT NOTES

Total outstanding Dec. 31, 1921.....		\$204,215.00
Increase 1922.....		57,690.00
....		
		\$261,905.00
Decrease 1922		50,165.00
Total outstanding Dec. 31, 1922.....		\$211,740.00
Increase \$7,525.00		
Municipal Notes due 1923.....	\$53,240.00	
1924.....	42,500.00	
1925.....	28,000.00	
1926.....	22,500.00	
1927.....	21,500.00	
1928.....	15,000.00	
1929.....	14,500.00	
1930.....	11,000.00	
1931.....	2,500.00	
1932.....	1,000.00	\$211,740.00

BONDED DEBT DEC. 31, 1922

Auditorium Bonds

Due July 1, 1923 to 1931 at 4%, \$2,000.00 due each year..	\$18,000.00
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Schoolhouse Bonds

Due March 1, 1929 at 3½%.....	\$78,000.00
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Sewer Bonds

Melrose Sewer Loans:

Due June 1, 1924, at 4%.....	\$100,000.00	
June 1, 1925, at 4%.....	100,000.00	
July 1, 1926, at 4%.....	50,000.00	
July 1, 1935, at 4%.....	10,000.00	
June 1, 1937, at 4%.....	10,000.00	
July 1, 1937, at 4%.....	10,000.00	
July 1, 1938, at 4%.....	10,000.00	
July 1, 1939, at 3½%.....	10,000.00	
April 1, 1940, at 4%.....	10,000.00	
May 1, 1941, a 4%.....	5,000.00	
Nov. 1, 1941, at 4%.....	5,000.00	
May 1, 1942, at 4%,.....	10,000.00	
May 1, 1923 to 1934, at 4%, serial \$500 due each year.....	6,000.00	
May 1, 1923 to 1935, at 4%, serial \$500 due each year.....	6,500.00	
Aug. 1, 1923 to 1926, at 4%, serial \$1,000 due each year.....	4,000.00	
Sept. 1, 1923 to 1927, at 4%, serial \$1,000 due each year.....	5,000.00	
Sept. 1, 1923 to 1933, at 4%, serial \$500 due each year.....	5,500.00	
May 1, 1923 to 1929, at 4½%, serial \$1,000 due each year.....	7,000.00	
Dec. 1, 1923, at 4½%.....	1,000.00	
June 1, 1923 to 1931, at 5¼%, serial \$1,000 due each year.....	9,000.00	
Aug. 1, 1923 to 1932, at 4¼%, serial \$1,000 due each year.....	10,000.00	
Sept. 1, 1923 to 1932, at 4¼%, serial \$1,000 due each year.....	10,000.00	\$394,000.00

Surface Drainage Bonds

Melrose Surface Drainage Loans:

Due Sept. 1, 1923, at 4%.....	\$10,000.00	
July 1, 1932, at 4%.....	100,000.00	
April 1, 1923 to 1927, at 4%, serial \$500 due each year.....	2,500.00	
April 1, 1923 to 1935, at 4%, serial \$500 due each year.....	6,500.00	
May 1, 1923 to 1934, at 4%, serial \$500 due each year.....	6,000.00	
June 1, 1923 to 1931, at 4%, serial \$1,000 due each year.....	9,000.00	
Aug. 1, 1923 to 1928, at 4%, serial \$500 due each year.....	3,000.00	
Aug. 1, 1923 to 1930, at 4%, serial \$1,000 due each year.....	8,000.00	
Sept. 1, 1923 to 1927, at 4%, serial \$500 due each year.....	2,500.00	
Nov. 1, 1923 to 1925, at 4%, serial \$500 due each year.....	1,500.00	
Dec. 1, 1923, at 4%.....	500.00	
May 1, 1923 to 1929, at 4½%, serial \$1,500 due each year.....	10,500.00	
Sept. 1, 1923 to 1931, at 5½%, serial \$1,000 due each year.....	9,000.00	
Dec. 1, 1923 to 1930, at 5½%, serial \$1,000 due each year.....	8,000.00	
Dec. 1, 1923 to 1931, at 4½%, serial \$1,000 due each year.....	9,000.00	
Aug. 1, 1923 to 1932, at 4¼%, serial \$1,000 due each year.....	10,000.00	
Sept. 1, 1923 to 1932, at 4¼%, serial \$1,000 due each year.....	10,000.00	\$206,000.00

Water Bonds

Melrose Water Loans:

Due Feb. 1, 1923, at 4%.....	\$5,000.00
July 1, 1925, at 4%.....	38,000.00
May 1, 1923 to 1924, at 4%, serial \$1,000 due each year.....	2,000.00
June 1, 1923 at 4½%.....	2,000.00

REPORT OF CITY AUDITOR

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June 1, 1923 to 1932, at $3\frac{1}{2}\%$, serial \$2,000 due each year.....	19,000.00	
June 1, 1923 to 1926, at 4% , serial \$1,000 due each year.....	4,000.00	
Aug. 1, 1923, at $4\frac{1}{2}\%$	1,000.00	
Aug. 1, 1923, at 4%	1,000.00	
Dec. 1, 1923, at 4%	500.00	
Dec. 1, 1923, at $4\frac{1}{2}\%$	1,000.00	
May 1, 1923 to 1929, at $4\frac{1}{4}\%$, serial \$1,000 due each year.....	7,000.00	
Aug. 1, 1923, to 1931, at $5\frac{1}{2}\%$, serial \$1,000 due each year.....	9,000.00	
Dec. 1, 1923 to 1931, at $4\frac{1}{2}\%$, serial \$1,000 due each year.....	9,000.00	
Aug. 1, 1923 to 1932, at $4\frac{1}{4}\%$, serial \$1,000 due each year.....	10,000.00	
Sept. 1, 1923 to 1929, at $4\frac{1}{4}\%$, serial \$1,000 due each year.....	7,000.00	115,500.00
Total Bonded Debt		\$811,500.00
Less Sinking Funds:		
Sewer Loan.....	\$296,947.75	
Surface Drainage Loan.....	68,399.13	
Water Loan	42,385.13	
Schoolhouse Loan.....	41,058.01	448,790.02
Net Bonded Debt.....		\$362,709.98

RECAPITULATION OF CITY DEBT

Municipal Notes	\$211,740.00
Net Bonded Debt	362,709.98
Total Net Debt Dec. 31, 1922.....	\$574,449.98
Total Net Debt Dec. 31, 1921.....	569,883.07
Increase 1922	\$4,566.91
Increase in Bonds.....	13,000.00
Increase in Notes.....	7,525.00
	\$20,525.00
Less Increase in Sinking Funds...	15,958.09
Total Increase	\$4,566.91

CASH ACCOUNT FOR 1922

Cash on hand Dec. 31, 1921.....	\$102,000.82
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Receipts:

January	\$57,898.42	
February	66,612.01	
March	146,987.80	
April	134,013.44	
May	37,246.32	
June	225,217.43	
July	97,873.54	
August	79,128.31	
September	206,521.74	
October	339,155.23	
November	236,179.27	
December	269,042.73	\$1,895,876.24
		\$1,997,877.06

Payments:

January	\$51,390.09	
February	94,871.81	
March	124,194.87	
April	99,287.06	
May	126,656.49	
June	159,018.88	
July	116,395.56	
August	100,070.52	
September	151,074.42	
October	241,125.16	
November	347,728.43	
December	320,655.16	\$1,932,468.45

Cash on hand Dec. 31, 1922.....	\$65,408.61
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ESTIMATED RECEIPTS

Receipts

Transferred from sundry accounts.....	\$62,226.04

Expended

Budget Appropriations.....	\$54,715.27	
Transferred to Excess and Deficiency.....	7,510.77	\$62,226.04

EXCESS AND DEFICIENCY**Receipts**

Balance from 1921.....	\$5,736.69	
Transferred from Sundry Accounts.....	20,132.21	\$25,868.90

Expended

Budget Appropriations.....	\$9,042.55	
Sundry Transfer Orders.....	3,194.02	
Balance to 1923.....	13,632.33	\$25,868.90

ASSETS AND LIABILITIES**Assets**

Cash on Hand.....	\$65,408.61	
Uncollected Accounts.....	475,768.29	
Invested in Public Buildings, Land, Parks and Other Property.....	1,199,140.00	
Invested in Sinking Funds.....	448,790.02	
Invested in Sewerage System.....	543,528.11	
Invested in Surface Drainage System.....	290,908.28	
Invested in Water System.....	554,709.85	\$3,578,253.16

Liabilities

Municipal Debt, Bonds.....	\$811,500.00	
Municipal Debt, Notes.....	211,740.00	
Trust Funds, Uninvested.....	11,053.85	
Revenue Loans	325,000.00	
Sundry Accounts	5,025.76	\$1,364,319.61
Assets exceed Liabilities.....		\$2,213,933.55

REVENUE

Taxes 1919, Balance from 1921.....	\$410.06	
Collected and abated.....	460.08	
Overpaid Dec. 31, 1922.....	50.02	

Taxes 1920, Balance from 1921.....	\$67,146.93	
Collected and abated.....	54,428.13	
Uncollected Dec. 31, 1922.....		\$12,718.80
Taxes 1921, Balance from 1921.....	\$270,623.70	
Additional Assessments	1,897.38	
Collected and abated.....	193,935.26	
Uncollected Dec. 31, 1922.....		\$78,585.82
Taxes 1922, Assessors' Warrant.....	\$780,326.70	
Collected	493,143.73	
Uncollected Dec. 31, 1922.....		\$287,182.97

Tax Titles and Takings

Balance from 1921.....	\$19,157.83	
Additional, 1922	143.24	
	\$19,301.07	
Collected	4,107.80	
Uncollected Dec. 31, 1922.....		\$15,193.27

Real Estate Taken by City

Balance from 1921.....	\$7,139.78	
Collected	368.45	
Uncollected Dec. 31, 1922.....		\$6,771.33

STREET SPRINKLING ASSESSMENTS

1919—Balance from 1921.....	\$38.00	
Collected	38.00	
1920—Balance from 1921.....	1,603.33	
Collected and abated.....	1,239.10	
Uncollected Dec. 31, 1922.....		\$364.23
1921—Balance from 1921.....	\$9,386.05	
Additional 1922	502.42	
	\$9,888.47	
Collected and abated.....	6,799.69	
Uncollected Dec. 31, 1922.....		\$3,088.78

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1922—Assessors' Warrant.....	\$11,079.09	
Collected and abated.....	6,949.19	
Uncollected Dec. 31, 1922.....		\$4,129.90

MOTH ASSESSMENTS

1920—Balance from 1921.....	\$11.00	
Collected and abated.....	11.00	
1921—Balance from 1921.....	\$46.90	
Collected	29.45	
Uncollected Dec. 31, 1922.....		\$17.45
1922—Assessors' Warrant	\$107.75	
Collected	68.65	
Uncollected Dec. 31, 1922.....		\$39.10

SEWER ASSESSMENTS

1918—Balance from 1921.....	\$265.96	
Collected	13.93	
Uncollected Dec. 31, 1922.....		\$252.03
1921—Balance from 1921.....	\$1,870.99	
Apportioned	\$912.41	
Collected	895.12	\$1,807.53
Uncollected		\$63.46
1922—Balance from 1921.....	\$1,917.01	
Assessments	3,530.31	
	\$5,447.32	
Apportioned	\$1,559.70	
Collected and abated.....	1,242.16	2,801.86
Uncollected Dec. 31, 1922.....		\$2,645.46
1923—Balance from 1921.....	\$1,825.42	
Assessments	271.31	
	\$2,096.79	
Collected and abated.....	139.09	

Uncollected Dec. 31, 1922.....		1,957.70
1924—Balance from 1921	\$1,557.37	
Assessments	271.37	
	\$1,828.74	
Collected and abated.....	108.84	
Uncollected Dec. 31, 1922.....		\$1,719.90
1925—Balance from 1921.....	\$1,288.40	
Assessments	271.37	
	\$1,559.77	
Collected and abated.....	83.36	
Uncollected Dec. 31, 1922.....		\$1,476.41
1926—Balance from 1921	\$1,201.41	
Assessments	271.37	
	\$1,255.78	
Collected and abated.....	63.15	
Uncollected Dec. 31, 1922.....		\$1,192.63
1927—Balance from 1921.....	\$719.14	
Assessments	231.54	
	\$950.68	
Collected and abated.....	37.09	
Uncollected Dec. 31, 1922		\$913.59
1928—Balance from 1921	\$544.00	
Assessments	220.96	
	\$764.96	
Collected and abated.....	37.09	
Uncollected Dec. 31, 1922.....		\$727.87
1929—Balance from 1921.....	\$437.88	
Assessments	220.96	
	\$658.84	
Collected and abated.....	37.09	
Uncollected Dec. 31, 1922.....		\$621.75

REPORT OF CITY AUDITOR

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1930—Balance from 1921.....	\$201.11	
Assessments	220.96	
	\$422.07	
Collected and abated.....	37.09	
Uncollected Dec. 31, 1922.....		\$384.98
1931—Assessments	\$220.84	
Collected	27.04	
Uncollected Dec. 31, 1922.....		\$193.80

SIDEWALKS ASSESSMENTS

1918—Balance from 1921.....	\$435.41	
Collected	2.75	
Uncollected Dec. 31, 1922.....		\$432.66
1919—Balance from 1921.....	\$151.48	
Collected and abated	58.00	
Uncollected Dec. 31, 1922.....		\$93.48
1920—Balance from 1921.....	\$476.13	
Collected	378.84	
Uncollected Dec. 31, 1922.....		\$97.29
1921—Balance from 1921.....	\$9,712.06	
Apportioned	\$6,107.23	
Collected	2,841.72	8,948.95
Uncollected Dec. 31, 1922.....		\$763.11
1922—Balance from 1921.....	\$3,601.85	
Warrants and Assessments.....	7,612.76	
	\$11,214.61	
Apportioned	\$870.11	
Collected	2,763.22	3,633.33
1923—Balance from 1921.....	\$3,143.70	
Assessments	874.11	
	\$4,017.81	
Collected	160.84	
Uncollected Dec. 31, 1922.....		\$3,856.97

1924—Balance from 1921.....	\$2,891.16	
Assessments	874.11	
	\$3,765.29	
Collected	153.57	
Uncollected Dec. 31, 1922.....		\$3,611.70
1925—Balance from 1921.....	\$2,592.24	
Assessments	874.14	
	\$3,466.38	
Collected	140.03	
Uncollected Dec. 31, 1922.....		\$3,326.35
1926—Balance from 1921.....	\$2,188.93	
Assessments	729.84	
	\$2,918.77	
Collected	132.34	
Uncollected Dec. 31, 1922.....		\$2,786.43
1927—Balance from 1921.....	\$1,780.99	
Assessments	557.03	
	\$2,338.02	
Collected	95.43	
Uncollected Dec. 31, 1922.....		\$2,242.59
1928—Balance from 1921.....	\$1,326.65	
Assessments	557.25	
	\$1,883.70	
Collected	69.32	
Uncollected Dec. 31, 1922.....		\$1,814.38
1929—Balance from 1921.....	\$807.89	
Assessments	545.67	
	\$1,353.56	
Collected	43.82	
Uncollected Dec. 31, 1922.....		1,309.74

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1930—Balance from 1921.....	\$397.05	
Assessments	545.67	
	\$942.92	
Collected	23.14	
Uncollected Dec. 31 1922.....		\$919.58
1931—Assessments	\$545.61	
Collected	23.18	
Uncollected Dec. 31, 1922.....		\$522.43

STREET BETTERMENT ASSESSMENTS

1920—Balance from 1921.....	\$270.02	
Assessments	1.60	
	\$271.62	
Collected	155.25	
Uncollected Dec. 31, 1922.....		\$116.37
1921—Balance from 1921.....	\$7,918.36	
Assessments	69.59	
	\$7,987.95	
Apportioned	\$5,391.57	
Collected and abated.....	1,598.03	\$6,989.60
Uncollected Dec. 31, 1922.....		\$998.35
1922—Warrants and Assessments.....	\$11,793.93	
Balance from 1921.....	1,401.91	
	\$13,195.84	
Apportioned	\$1,428.19	
Collected	2,440.23	3,868.42
Uncollected Dec. 31, 1922.....		\$9,327.42
1923—Balance from 1921.....	\$1,336.50	
Assessments	748.98	
	\$2,085.48	
Collected	86.95	
Uncollected Dec. 31, 1922.....		\$1,998.53

1924—Balance from 1921.....	\$1,189.56	
Assessments	748.98	
	\$1,938.54	
Collected	86.95	
Uncollected Dec. 31, 1922.....		\$1,851.59
1925—Balance from 1921.....	\$1,009.47	
Assessments	748.98	
	\$1,758.45	
Collected	80.56	
Uncollected Dec. 31, 1922.....		\$1,677.89
1926—Balance from 1921.....	\$945.62	
Assessments	733.49	
	\$1,679.11	
Collected	70.60	
Uncollected Dec. 31, 1922.....		\$1,608.51
1927—Balance from 1921	\$675.88	
Assessments	625.04	
	\$1,300.92	
Collected	69.25	
Uncollected Dec. 31, 1922.....		\$1,231.67
1928—Balance from 1921.....	\$411.41	
Assessments	625.04	
	\$1,036.45	
Collected	58.22	
Uncollected Dec. 31, 1922.....		\$978.23
1929—Balance from 1921.....	\$157.75	
Assessments	625.04	
	\$782.79	
Collected	15.00	
Uncollected Dec. 31, 1922.....		\$767.79
1930—Balance from 1921.....	\$40.49	
Assessments	625.04	
	\$665.53	
Collected	15.00	

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Uncollected Dec. 31, 1922.....		\$650.53
1931—Assessments	\$590.20	
Collected	15.00	
Uncollected Dec. 31, 1922.....		\$575.20

WATER RATES

1919—Balance from 1921.....	\$185.77	
Collected	21.10	
Uncollected Dec. 31, 1922.....		\$164.67
1920—Balance from 1921.....	\$768.53	
Collected	161.34	
Uncollected Dec. 31, 1922.....		\$607.19
1921—Balance from 1921.....	\$2,993.28	
Rates Committed.....	7,424.95	
	\$10,418.23	
Collected	9,968.93	
Uncollected Dec. 31, 1922.....		449.30
1922—Rates Committed.....	\$46,522.47	
Collected	45,748.14	
Uncollected Dec. 31, 1922.....		\$774.33

WATER INCOME

Receipts:

Balance from 1921.....		5,412.61
Balance from Water Maintenance.....	\$424.89	
From Water Rates.....	55,917.51	
From Summonses.....	125.40	
From Accrued Interest on Bonds Sold...	33.76	56,501.56
		\$61,914.17

Payments:

Appropriations	\$31,412.61	
Interest on Bonds.....	4,150.00	
Metropolitan Water Charges	23,111.14	
City of Malden Water Rates.....	98.43	
Refunds	204.50	
	\$58,976.68	
Balance to 1923.....	2,937.49	\$61,914.17

COMMONWEALTH OF MASSACHUSETTS

Balance Dec. 31, 1921.....	\$2,581.50	
Pay Rolls, State Aid, Civil War	1,950.00	
Pay Rolls, Military Aid, Civil War.....	127.50	
Soldiers' Burials.....	401.00	
	\$5,060.00	
Cash received from Commonwealth Nov. 1922	2,668.50	\$2,391.50

Commissioner of Taxes

Income Tax Collected by Commonwealth

Balance from 1921.....		\$3,204.06
Cash received 1922.....		59,368.71
Assessors' Warrant.....	\$54,500.00	
Transferred to Revenue of 1922.....	3,204.06	
Balance Dec. 31, 1922.....	4,868.71	
	\$62,572.77	\$62,572.77

Grants and Gifts

Receipts:

From Middlesex County (Dog Tax).....	\$1,393.68
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Payments:

Transferred to Revenue of 1922.....	\$1,393.68
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Bank and Corporation Tax

Receipts:

From Commonwealth.....	\$27,689.37
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Payments:

Commonwealth of Massachusetts Equalizing Claims	\$211.24	
Transferred to Highway Division,		
Repairing	326.41	
Transferred to Estimated Receipts.....	27,151.72	\$27,689.37

ALDERMEN—Salaries and Wages

Appropriation		\$800.00
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Expended:

Salary of Clerk of Committees.....	\$800.00	
Other Expenses:		
Appropriation		\$500.00
Order No. 14039.....		200.00
Order No. 14253.....		100.00
		\$800.00

Expended:

Inaugural	\$164.59	
Stationery, Printing, Advertising, Post- age, etc.	308.62	
Flowers	70.14	
Telephone	18.46	
Serving Notices	48.00	
Miscellaneous	24.17	
Sundry Aldermanic Orders for Portraits..	150.00	
Balance to Excess and Deficiency.....	16.02	\$800.00

Special Committee on School Building Program

Balance from 1921.....*		\$222.11
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Expended:

For preliminary plans and estimates....	\$175.00	
Balance to Excess and Deficiency.....	47.11	\$222.11

MAYOR—Salaries and Wages

Appropriation		\$1,720.00
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Expended:

Salary to Mayor.....	\$1,000.00	
Salary to Secretary.....	720.00	\$1,720.00

Other Expenses

Appropriation		\$200.00
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Expended:

Printing, Stationery and Supplies.....	\$31.66	
Postage	15.00	
Telephone	54.59	
Miscellaneous	35.90	
Excess and Deficiency.....	60.85	
Bill contracted but not paid.....	2.00	\$200.00

Mayor, Printing Inaugural Address

Appropriation		\$50.00
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Expended:

100 copies 1922 Inaugural Address.....	\$50.00	
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AUDITOR—Salaries and Wages

Appropriation		\$2,000.00
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Expended:

Salary to Auditor.....	\$2,000.00	
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Other Expenses

Appropriation		\$200.00
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Expended:

Books, Stationery, Printing, and Postage	\$ 87.46	
Miscellaneous	9.00	
Balance to Excess and Deficiency.....	103.54	\$200.00

TREASURER—Salaries and Wages

Appropriation		\$2,840.00
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Expended:

Salary of Treasurer	\$1,800.00	
Salary of Clerk.....	1,040.00	\$2,840.00

Other Expenses

Appropriation		\$750.00
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Expended:

Official Bonds	\$155.00	
Books, Stationery, Printing, Supplies, etc.	229.79	
Telephone	42.81	
Postage	172.31	
Miscellaneous	60.08	
Balance to 1923.....	90.01	\$750.00

Certification of Bonds and Notes

Balance from 1921.....	265.00
Appropriation	1,200.00

\$1,465.00

Expended:

Paid Old Colony Trust Co.....	\$825.00	
Balance	640.00	\$1,465.00

Administration of Invested Funds

Appropriation	\$200.00
Salary of Treasurer of Sinking Funds....	\$200.00

COLLECTOR—Salaries and Wages

Appropriation	\$3,705.00
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Expended:

Salary of Collector.....	\$1,692.70	
Salary of Clerks.....	1,854.24	
Order No. 14229.....	158.06	\$3,705.00

Other Expenses

Appropriation	\$1,300.00
Order No. 14229.....	158.06
Refund on Official Bond.....	64.50

\$1,522.56

Expended:

Official Bonds	\$500.00
Books, Stationery, Printing Supplies, etc.	175.40
Furniture and Fixtures.....	206.00

Postage	101.49	
Telephone	26.98	
Clerical Assistants.....	359.75	
Distributing Tax Bills.....	110.00	
Miscellaneous	17.18	
Balance to Excess and Deficiency.....	25.76	\$1,522.56

ASSESSORS—Salaries and Wages

Appropriation \$3,500.00

Expended:

Salaries of Assessors.....	\$1,500.00	
Salaries of Assistant Assessors.....	300.00	
Salary of Clerk of Board.....	1,700.00	\$3,500.00

Other Expenses

Appropriation \$2,100.00

Abstracts of Deeds and Transfers.....	\$126.15	
Books, Stationery, Printing and Supplies	255.77	
Clerical Assistants.....	456.50	
Printing Poll Books.....	1,028.50	
Use of Auto.....	150.00	
Telephone	24.44	
Postage	8.38	
Miscellaneous	50.25	
Balance to Excess and Deficiency.....	.01	2,100.00

CITY CLERK—Salaries and Wages

Appropriation \$2,650.00

Expended:

Salary of City Clerk.....	\$1,800.00	
Salary of Assistant City Clerk.....	850.00	2,650.00

Other Expenses

Appropriation \$400.00

Expended:

Official Bond.....	\$4.00	
Books, Stationery, Advertising, Printing, Supplies, etc.....	106.35	
Typewriter	67.38	
Clerical Services	26.00	

Car Fares and Court Expenses.....	19.60	
Telephone	92.72	
Postage	30.03	
Miscellaneous	17.30	
Balance to Excess and Deficiency.....	36.62	\$400.00

Printing and Binding Revised Charter and Ordinances

Balance from 1921		\$1,170.00
No Expenditures		
Balance to 1923.....	\$1,170.00	

Posting and Publishing General Laws Regarding Restraining of Dogs

Order No. 13927, Transfer from Excess and Deficiency		\$25.00
Expended:		
Clerical Assistant.....	\$3.00	
Printing and Publishing.....	22.00	\$25.00

CITY SOLICITOR—Salaries and Wages

Appropriation		\$1,000.00
Expended:		
Salary of Solicitor.....	\$1,000.00	

Other Expenses

Appropriation		\$25.00
Expended:		
Postage and Stationery	13.50	
Recording, etc.	4.95	
Carfares	1.60	
Balance to Excess and Deficiency.....	4.95	\$25.00

Compensation for Services and Reimbursement for Cash Expended

in Arrangement of Charter and Ordinances

Appropriation Order No. 10623, from Excess and Deficiency.....		\$300.00
Expended:		
City Solicitor.....	\$300.00	

CITY PHYSICIAN—Salaries and Wages

Appropriation	\$630.00
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Expended:

Salary of Physician.....	\$630.00
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MELROSE PLANNING BOARD**Other Expenses**

Appropriation	\$150.00
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Expended:

Membership State Organization.....	\$10.00	
Stationery, Postage and Typewriting....	35.00	
Printing Reports.....	105.00	\$150.00

BOARD OF SURVEY—Salaries and Wages

Appropriation	\$100.00
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Salary of Clerk.....	\$100.00
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Other Expenses

Appropriation	\$50.00	
Advertising	\$2.00	
Balance to Excess and Deficiency.....	48.00	\$50.00

ELECTION AND REGISTRATION—Salaries and Wages

Appropriation	\$2,400.00
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Order No. 14194.....	200.00
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Order No. 14255.....	90.85
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\$2,690.85

Expended:

Salaries Registrars & Assistant Registrars	\$445.00	
Salaries Election Officers.....	1,350.00	
Salaries Police Officers at Polls.....	192.60	
Clerical Services.....	359.50	
Janitor Services.....	91.25	
Tellers at Recount.....	77.00	
Transportation Booths and Ballot Boxes..	160.00	
Balance to Excess and Deficiency.....	15.50	\$2,690.00

Election and Registration—Other Expenses

Appropriation	\$900.00	
Order No. 14194.....	450.00	
Order No. 14255.....	364.10	
		\$1,714.10

Expended:

Books, Stationery, Printing and Supplies	\$929.71	
Advertising	216.00	
Postage	115.80	
Rent of Polling Places.....	66.00	
Posting Notices.....	27.00	
Stock and Labor, Repairs to Booths.....	297.06	
Miscellaneous	57.91	
Balance to Excess and Deficiency.....	4.62	\$1,714.10

PUBLIC WORKS DEPARTMENT

For details see Report of Engineer and
Superintendent of Public Works.

PUBLIC WORKS OFFICE—Salaries and Wages

Appropriation	\$4,750.00
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Expended:

Salary of Engineer and Superintendent..	\$3,000.00	
Clerical Assistants	1,275.00	
Balance to Excess and Deficiency.....	475.00	\$4,750.00

Other Expenses

Appropriation	\$900.00	
Cash	15.00	
		\$915.00

Expended:

Bills Paid	\$904.70	
Balance to Excess and Deficiency.....	10.30	\$915.00

CITY OF MELROSE

Vacations

Appropriation		\$5,000.00
Order No. 14233.....		174.40
		\$5,174.40
Expended:		
Pay Rolls.....	\$5,099.90	
Balance to Excess and Deficiency.....	74.50	\$5,174.40

Survey and Plans, Building and Land on Tremont Street

Balance from 1921.....		\$300.00
Expended:		
Engineering work on plans for City		
Stables	\$75.00	
Balance to 1923.....	225.00	\$300.00

ENGINEERING—Salaries and Wages

Appropriation		\$6,500.00
Expended:		
Pay Rolls.....	\$6,500.00	

Other Expenses

Appropriation		\$1,500.00
Expended:		
Bills Paid.....	\$1,490.69	
Balance to Excess and Deficiency.....	9.31	\$1,500.00

CITY HALL—Salaries and Wages

Appropriation		\$2,500.00
Expended:		
Pay Rolls.....	\$2,414.42	
Balance to Excess and Deficiency.....	85.58	\$2,500.00

Other Expenses

Appropriation		\$4,000.00
Order No. 14087.....		258.24
		\$4,258.24
Expended:		
Bills Paid.....	\$3,757.74	
Balance to 1923.....	500.00	\$4,258.24

AUDITORIUM—Salaries and Wages

(For details see Report of Advisory Committee)

Appropriation		\$2,500.00
Order No. 14230.....		250.00
		\$2,850.00
Expended:		
Pay Rolls.....	\$2,849.00	
Balance to Excess and Deficiency.....	1.00	\$2,850.00

Other Expenses

Balance from 1921.....		\$7.80
Appropriation		5,000.00
Order No. 14343.....		140.00
		\$5,147.80
Expended:		
Bills Paid.....	\$4,835.96	
Order No. 14230.....	100.00	
Balance to 1923.....	211.84	\$5,147.80

PROTECTION OF LIFE AND PROPERTY**POLICE DEPARTMENT—Salaries and Wages**

Appropriation		\$34,300.00
Expended:		
Pay Rolls.....	\$33,826.41	
Order No. 14305.....	46.97	
Balance to Excess and Deficiency.....	426.62	\$34,300.00

Equipment and Repairs

Appropriation		\$858.00
Expended:		
Bills Paid for Equipment.....	\$146.52	
Bills Paid for Repairs.....	472.76	
Miscellaneous	3.96	
Order No. 14229.....	200.00	
Balance to Excess and Deficiency.....	34.76	\$858.00

Other Expenses

Appropriation		\$1,100.00
Order No. 14277.....		200.00
Order No. 14305.....		46.97
		\$1,346.97
Expended:		
Stationery, Postage, Printing, etc.	\$91.23	
Gasoline and Oil.....	273.20	
Storage of Autos and Vehicles.....	564.00	
Auto Hire	21.00	
Auto Insurance.....	46.00	
Auto Licenses (Chauffeurs).....	40.00	
Telephone	174.71	
Miscellaneous	136.13	\$1,346.97

Signal Box Maintenance

Balance Emergency Appropriation.....		\$676.17
Appropriation		1,000.00
		\$1,676.17
Expended:		
Equipment, Supplies and Repairs.....	\$656.62	
Pay Rolls.....	597.95	
Team Hire.....	170.00	
Miscellaneous	5.54	
Order No. 13899 Transferred to Purchase		
Ford Truck Wire Dept.	246.06	\$1,676.17

Police Ambulance Fund

Balance from 1921.....	\$98.16
Cash Receipts 1922.....	25.00

 \$123.16

Expended:

Linoleum in Ambulance.....	\$8.00	
Horse Hire.....	21.00	
Balance to 1923.....	94.16	\$123.16

Purchase of Automobile

Appropriation	\$1,100.00
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Expended:

Paid Cash in exchange of Auto.....	\$1,100.00
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Fines and Forfeits

Balance from 1921.....	\$67.69
Receipts from 1st District Court.....	743.28

Expended:

Transferred to Excess and Deficiency.....	\$810.97
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FIRE DEPARTMENT—Salaries and Wages

Appropriation	\$30,836.56
Transfer Order No. 14249.....	2,093.82
Transfer Order No. 14308.....	286.78

 \$33,217.16

Expended:

Pay Rolls, Officers and Men.....	\$32,175.52	
Pay Rolls, E. J. Laffey, Instructor.....	760.35	
Battery Inspection.....	259.93	
Balance to Excess and Deficiency.....	21.36	\$33,217.16

Fuel and Lights

Appropriation		\$1,500.00
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Expended:

Coal and Wood.....	\$829.07	
Gasoline and Oil.....	199.64	
Lighting	292.65	
Miscellaneous	48.50	
Transfer Order No. 14245.....	100.00	
Transfer Order No. 14308.....	30.14	\$1,500.00

Equipment and Repairs

Appropriation		\$1,450.00
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Expended:

Equipment, Tools, etc.	\$681.43	
Repairs and Parts.....	542.49	
Miscellaneous	64.71	
Transfer Order No. 14308.....	161.37	1,450.00

Repairs on Buildings

Balance from 1921.....		\$20.02
Appropriation		500.00

\$520.02

Expended:

Lumber, Hardware, Labor, etc.	\$214.25	
Repairs to Heater.....	181.97	
Transfer Order No. 14245.....	50.00	
Transfer Order No. 14308.....	73.80	\$520.02

Other Expenses

Balance from 1921.....		\$.94
Cash Received.....		1.50
Appropriation		900.00
Transfer Order No. 14245.....		150.00

\$1,052.44

Expended:

Stationery, Printing, Postage, etc.	\$47.05
Bedding, Furniture, etc.	86.74

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Laundry	166.97	
Supplies	443.81	
Telephone	153.11	
Chauffeurs' Licenses and Renewals.....	34.00	
Miscellaneous	99.29	
Transfer Order No. 14308.....	21.47	\$1,052.44

Fire Alarm Maintenance

Balance from 1921.....		\$1,161.81
Appropriation		3,100.00
		\$4,261.81

Expended:

Pay Rolls.....	\$1,652.35	
Equipment, Supplies and Repairs.....	1,257.76	
Team Hire.....	142.00	
Telephone	41.09	
Miscellaneous	74.19	
Transfer to Police Signal Maintenance....	676.17	
Transfer to Purchase Ford Truck Wire Department	246.06	
Transfer to Excess and Deficiency.....	172.19	\$4,261.81

INSPECTOR OF BUILDINGS—Salaries and Wages

Appropriation	\$600.00
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Expended:

Salary of Inspector.....	\$600.00
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Other Expenses

Appropriation	\$35.00
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Expended:

Printing	\$34.25	
Balance to Excess and Deficiency.....	.75	\$35.00

INSPECTOR OF WIRES—Salaries and Wages

Appropriation	\$1,625.00
Salary of Inspector	\$1,625.00

Other Expenses

Appropriation		\$300.00
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Expended:

Supplies	\$13.80	
Gasoline and Oil.....	28.00	
Telephone	42.96	
Miscellaneous	5.00	
Balance to Excess and Deficiency.....	210.24	\$300.00

Purchase of Ford Truck

Order No. 13899 Transfer from Police		
Signal Maintenance		\$246.06

Order No. 13899 Transfer from Fire Alarm		
Maintenance		246.06

\$492.12

Expended:

Paid for Ford Truck	\$492.12	
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SEALING WEIGHTS AND MEASURES—Salaries and Wages

Appropriation		\$840.00
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Salary of Sealer.....	\$777.22	
Balance to Excess and Deficiency.....	62.78	840.00

Other Expenses

Appropriation		\$75.00
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Transfer Order No. 14228.....		35.00
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\$110.40

Expended:

Stationery, Printing, etc.	\$21.16	
Equipment and Supplies.....	48.21	
Trucking	40.00	
Miscellaneous	.83	
Balance to Excess and Deficiency.....	.10	\$110.40

FORESTRY**Gypsy and Brown Tail Moth**

Appropriation	\$2,000.00
Transfer Order No. 14307.....	159.24
	\$2,159.24

Expended:

Pay Rolls	\$1,945.00	
Supplies	119.45	
Storage	45.00	
Stationery and Printing, etc.	9.00	
Postage and Telephone.....	19.11	
Miscellaneous	21.68	\$2,159.24

Other Insect Pests

Appropriation	\$1,500.00
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Expended:

Pay Rolls	\$933.00	
Equipment and Supplies.....	145.50	
Trucking	99.00	
Spraying	275.07	
Storage	15.00	
Miscellaneous	8.41	
Transfer Order No. 14307.....	24.02	\$1,500.00

Work on Private Estates

Appropriation	\$750.00
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Expended:

Pay Rolls	\$113.00	
Balance to Excess and Deficiency.....	637.00	\$750.00

Care of Trees

Balance from 1921.....	\$3.34
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Expended:

Telephones 1921	\$3.34
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CITY OF MELROSE

Other Expenses

Appropriation		\$400.00
Expended:		
Transfer Order No. 14307A.....	\$135.22	
Balance to Excess and Deficiency.....	264.78	\$400.00

Care of Trees in Highways

Balance from 1921.....	\$299.99
Appropriation	10,000.00
	\$10,299.99

Expended:		
Pay Rolls.....	\$7,930.31	
Equipment and Supplies.....	148.73	
Transfer Bills	417.44	
Miscellaneous	31.33	
Balance to 1923.....	1,772.18	\$10,299.99

Planting New Trees

Balance from 1921.....	\$240.89
Appropriation	500.00
Cash Receipts.....	51.50
	\$792.39

Expended:		
Pay Rolls.....	\$284.52	
Trees	155.00	
Transfer Bills.....	77.56	
Balance to 1923.....	275.31	\$792.39

Other Protection, Dog Officer

Received from Middlesex County.....	\$17.00
Expended:	
Paid Dog Officer for killing dogs.....	\$17.00

HEALTH AND SANITATION

(For details see report of Health Department)

Health Department, General Administration

Appropriation		\$1,850.00
Transfer Order No. 14299.....		14.07
		\$1,864.07
Expended:		
Salaries	\$1,628.00	
Bills Paid.....	236.07	\$1,864.07

Quarantine and Contagious Diseases

Appropriation		\$2,000.00
Transfer Order No. 14248.....		500.00
		\$2,500.00
Expended:		
Bills Paid.....	\$2,442.50	
Balance to Excess and Deficiency.....	57.50	\$2,500.00

Tuberculosis

Appropriation		\$1,200.00
Expended:		
Bills Paid	\$1,091.44	
Balance to Excess and Deficiency.....	108.56	\$1,200.00

Vital Statistics

Balance from 1921.....		\$321.50
Appropriation		300.00
		\$621.50
Expended:		
For Return of Births and Deaths 1921....	\$142.00	
Canvassing 1921	100.00	
Canvassing 1922	125.00	
Clerical Assistants.....	30.00	
Transfer to 1923.....	169.00	
Balance to Excess and Deficiency.....	55.50	\$621.50

Other Expenses

Appropriation		\$1,700.00
Expended:		
Bills Paid	\$1,598.36	
Burial of Dead Animals.....	77.25	
Transfer Order No. 14299.....	14.07	
Balance to Excess and Deficiency.....	10.32	\$1,700.00

Inspection of School Children

Appropriation		\$450.00
Expended:		
Salaries of Inspectors.....	\$450.00	

Inspection of Animals

Appropriation		\$200.00
Expended:		
Salary of Inspector	\$200.00	

Inspection of Milk

Appropriation		\$100.00
Expended:		
Salary of Inspector	\$100.00	

Inspection of Milk Analysis

Appropriation		\$400.00
Expended:		
Salary of Inspector.....	\$400.00	

Public Health Nurse

Appropriation		\$700.00
Expended:		
Salary of Nurse.....	\$700.00	

SANITATION**Sewer Division, Maintenance**

Appropriation		\$2,500.00
Cash Received		148.40
		\$2,648.40
Expended:		
Pay Rolls	\$1,965.28	
Bills Paid	546.29	
Balance to Excess and Deficiency	136.83	\$2,648.40

Surface Drainage, Maintenance

Appropriation	\$4,500.00	
Transfer No. 14206.....	263.32	
Transfer No. 14265.....	1,000.00	
		\$5,763.32

Expended:

Pay Rolls.....	\$4,413.79	
Bills Paid.....	1,122.60	
Balance to Excess and Deficiency.....	226.93	\$5,763.32

Collection of Ashes and Rubbish

Appropriation	\$12,500.00
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Expended:

Pay Rolls.....	\$8,624.17	
Bills Paid	3,875.79	
Balance to Excess and Deficiency.....	.04	\$12,500.00

Refuse and Garbage Disposal

Appropriation	\$5,760.00
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Expended:

Bills as per Contracts.....	\$5,760.00
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Street Cleaning

Appropriation	\$6,500.00
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Expended:

Pay Rolls.....	\$6,226.70	
Bills Paid	273.30	\$6,500.00

Cleaning Brooks

Appropriation	\$6,500.00
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Expended:

Pay Rolls	\$4,634.23	
Bills Paid	664.29	
Transfer Order No. 14230.....	174.10	
Transfer Order No. 14265.....	1,000.00	
Balance to Excess and Deficiency.....	27.38	\$6,500.00

HIGHWAYS

(For details see Report of Engineer and Superintendent of
Public Works)

General Administration

Appropriation		\$3,000.00
Expended:		
Pay Rolls	\$2,755.00	
Use of Auto.....	245.00	\$3,000.00

Maintenance and Repairing

Balance from 1921.....		\$91.83
Appropriation		40,000.00
Street Railway Tax.....		326.41
Cash Received.....		467.36
		\$40,885.60
Expended:		
Pay Rolls and Bills Paid.....	\$36,598.79	
Transfer Order No. 14149.....	50.00	
Balance	3,010.40	
Transferred to 1923.....	326.41	\$40,885.60

Individual Walks

Balance from 1921.....		\$401.10
Appropriation		1,000.00
Cash, Estimates Received.....		2,265.50
Balance to 1923.....		645.21
		\$4,311.81
Expended:		
Pay Rolls.....	\$659.42	
Bills Paid	3,014.90	
Estimates Refunded.....	207.61	
Transferred to Reserve Account.....	429.88	\$4,311.81

Sidewalk Repairs

Appropriation	\$6,000.00	
Cash	27.00	
Transfer Order No. 14169.....	1,500.00	
		\$7,527.00

Expended:

Pay Rolls.....	\$592.15	
Bills Paid.....	5,458.23	
Transfer Order No. 14130.....	400.00	
Transfer Order No. 14265.....	1,060.81	
Transfer to Reserve Account.....	15.81	\$7,527.00

Street Sprinkling

Appropriation	\$1,000.00
Assessments Collected.....	13,422.85

Expended:

Overdraft of 1922.....	\$7,774.57	
Pay Rolls	4,441.06	
Bills Paid.....	9,251.24	
Overdraft to 1923.....		7,044.02
	\$21,466.87	\$21,466.87

Street Lighting

Balance from 1921.....	\$1,750.00
Appropriation	25,000.00
Park Department Bill.....	270.00
	\$27,020.00

Expended:

Bills Paid.....	\$24,668.49	
Transfer Order No. 13719.....	1,750.00	
Transfer Order No. 14298.....	301.08	
Balance to Excess and Deficiency.....	300.43	\$27,020.00

Street Signs and Numbers

Appropriation		\$600.00
Transfer Order No. 14298.....		301.08
		\$901.08
Expended:		
Pay Rolls.....	\$200.06	
Bills Paid.....	701.02	\$901.08

Removal of Snow and Sanding Walks

Appropriation		\$6,000.00
Transfer Order No. 14265.....		1,060.81
Expended:		
Pay Rolls and Transfer Bills.....	\$10,144.20	
Overdraft to 1923.....		3,083.39
	\$10,144.20	\$10,144.20

Purchase Steam Roller

Appropriation		\$6,250.00
Expended:		
Paid for Roller.....	\$6,250.00	

Purchase of Tractor Snow Plow

Transfer Order No. 13719.....		\$1,750.00
Expended:		
Paid for Tractor.....	\$1,735.00	
Balance to Excess and Deficiency.....	15.00	\$1,750.00

Abolishing Triangle West Foster Street and Maple Street

Transfer Order No. 13360.....		\$400.00
Expended:		
Pay Rolls.....	\$183.75	
Bills Paid.....	216.25	\$400.00

Purchase of Land on West Side of Sixth Street

Transfer Order No. 14111.....		\$500.00
Expended:		
Paid Charles H. Collins.....	\$250.00	
Paid Harry Fletcher.....	250.00	\$500.00

CHARITIES**General Administration**

Appropriation		\$1,250.00
Expended:		
Pay Rolls and Bills Paid.....	\$1,240.48	
Balance to Excess and Deficiency.....	9.52	\$1,250.00

Outside Relief by City

Appropriation		\$5,500.00
Reimbursement		10.00
		\$5,510.00
Expended:		
Cash Orders and Bills Paid.....	\$5,339.66	
Balance to Excess and Deficiency.....	170.34	\$5,510.00

Relief by Other Cities and Towns

Appropriation		\$4,500.00
Transfer Order No. 14306.....		219.70
		\$4,719.70
Expended:		
Bills Paid.....	\$4,719.70	

Mothers' Aid

Appropriation		\$5,000.00
Expended:		
Cash Orders and Bills Paid.....	\$4,267.00	
Transfer Order No. 14231.....	400.00	
Transfer Order No. 14306.....	303.57	
Balance to Excess and Deficiency.....	29.43	\$5,000.00

Maintenance in Hospital

Appropriation	\$1,000.00
Transfer Order No. 14231.....	400.00
Transfer Order No. 14306.....	83.87

 \$1,483.87

Expended:

Paid Melrose Hospital.....	\$1,483.87
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E. Toothaker Fund

Balance from 1921.....	\$1,528.20
Interest on Fund 1922.....	61.12

 \$1,589.32

Expended:

Cash Orders and Bills Paid.....	\$55.00	
Balance to 1923.....	1,534.32	\$1,589.32

A. C. Marie Currier Fund

Balance from 1921.....	\$2,138.09
Received from Trustees.....	1,800.00

 \$3,938.09

Expended:

Bills Paid.....	\$1,518.35	
Balance to 1923.....	2,419.74	\$3,938.09

Community Civics Fund**Melrose High School, Class of 1918**

Balance from 1921.....	\$7.11
Interest on Liberty Bond.....	2.13

 \$9.24

Balance to 1923.....	9.24
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SOLDIERS' BENEFITS**General Administration**

Appropriation	\$440.00
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Expended:

Salary of Agent.....	437.93	
Balance to Excess and Deficiency.....	2.07	440.00

Other Expenses

Appropriation		\$75.00
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Expended:

Typewriting	\$42.00	
Car Fares.....	8.70	
Postage	14.03	
Miscellaneous	2.25	
Transfer to Excess and Deficiency.....	6.27	
Balance to 1923.....	1.75	\$75.00

Soldiers' Relief

Appropriation	\$4,500.00
Transfer Order No. 14082.....	500.00

\$5,000.00

Expended:

Cash Orders	\$3,988.00	
Rent	156.00	
Fuel	683.56	
Medical Attendance and Medicine.....	117.71	
Nursing	46.50	
Dry Goods and Clothing.....	7.58	
Balance to Excess and Deficiency.....	.65	\$5,000.00

State Aid

(Due from Commonwealth November, 1923)

Pay Rolls, Civil War.....	\$1,950.00
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Soldiers' Burials

(Due from Commonwealth November, 1923)

Bills Paid	\$401.00
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Military Aid

(One-half due from Commonwealth November, 1923)

Balance from 1921.....	\$475.00
Appropriation	500.00
Due from Commonwealth 1923	127.50

\$1,102.50

Expended:

Pay Rolls	\$255.00	
Bills Paid.....	145.00	
Transfer to Excess and Deficiency.....	475.00	
Balance to 1923.....	227.50	\$1,102.50

SCHOOL DEPARTMENT

(For details see report of School Committee)

Administration Salaries

Appropriation		\$4,000.00
Salary of Superintendent.....	4,000.00	

Other General Salaries

Appropriation		\$1,800.00
Transfer Order No. 14244.....		85.00
		\$1,885.00

Expended:

Salary of Attendance Officer.....	\$500.00	
Salary of Clerk.....	1,385.00	\$1,885.00

Balance from 1921.....		\$107.32
Appropriation		1,300.00
Cash Refunded		.20
Transfer Order No. 13717.....		93.07
Transfer Order No. 14244.....		100.66
		\$1,601.25

Expended:

Bills Paid.....	\$1,491.02	
Transfer Order No. 14302.....	77.27	
Balance to Excess and Deficiency.....	32.96	\$1,601.25

Teachers' Salaries

Appropriation		\$183,840.00
Transfer Order No. 14244		458.40
Cash Refund		63.12
		\$184,361.52

Expended:

Salaries	\$184,291.02	
Transfer Order No. 14302	70.50	\$184,361.52

Text Books and Supplies

Balance from 1921	\$87.26	
Appropriation	11,000.00	
Cash Refunds	60.45	
Transfer Order No. 13717	19.81	
Transfer Order No. 14302A	120.85	
		\$11,288.37

Expended:

Bills Paid	\$11,278.32	
Balance to Excess and Deficiency	10.05	\$11,288.37

Tuition

Balance from 1921	\$33.67	
Appropriation	1,500.00	
Transfer Order No. 14091	500.00	
Transfer Order No. 14244	187.90	
Transfer Order No. 14311	862.13	
		\$3,083.70

Expended:

Bills Paid	\$3,068.64	
Balance to Excess and Deficiency	15.06	\$3,083.70

Transportation

Appropriation	\$1,100.00
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Expended:

For Barge Service as per contract.....	\$1,100.00
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Support of Truants

Appropriation	\$250.00
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Expended:

Middlesex County Training School	\$88.57	
Transfer Order No. 14302	161.43	\$250.00

Janitors' Services

Balance from 1921	\$2.11	
Appropriation	\$15,250.00	
Transfer Order No. 14244	381.79	
Transfer Order No. 14302	507.07	
		\$16,140.97

Expended:

Pay Rolls	\$16,138.86	
Transfer Order No. 13717	1.54	
Balance to Excess and Deficiency	.57	\$16,140.97

Fuel and Light

Balance from 1921	\$14.58	
Appropriation	14,000.00	
Transfer Order	118.30	
		\$14,132.88

Expended:

Bills Paid	\$12,883.28	
Transfer Order No. 14244	1,249.60	\$14,132.88

Maintenance of Buildings and Grounds

Balance from 1921	\$7.91	
Appropriation	10,000.00	
Transfer Order No. 13717	20.17	
Transfer Order No. 14302	520.72	
Transfer Order No. 14302A	566.00	
		\$11,114.80

Expended:

Bills Paid	\$11,102.30	
Balance to Excess and Deficiency	12.50	\$11,114.80

Furniture and Furnishings

Balance from 1921	\$465.09	
Appropriation	1,500.00	
Transfer Order No. 14244	35.85	
Cash Refunds	23.28	
		\$2,024.22

Expended:

Bills Paid	\$1,544.93	
Transfer Order No. 13717	2.49	
Transfer Order No. 14302A	453.52	
Balance to Excess and Deficiency	23.28	\$2,024.22

Other Expenses

Balance from 1921	\$77.68
Appropriation	800.00

Expended:

Bills Paid	\$836.49	
Balance to Excess and Deficiency	41.19	\$877.68

School Nurse

Appropriation	\$900.00
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Expended:

Salary of Nurse	\$900.00
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Americanization Work

Balance from 1921	.72
Appropriation	\$2,500.00
	\$2,500.72

Expended:

Transfer Order No. 13717	.72	
Transfer Order No. 14302A	\$404.27	
Bills Paid	2,095.73	\$2,500.72

Athletic Department

Appropriation	\$1,000.00
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Expended:

Bills Paid	\$961.87	
Balance to Excess and Deficiency	38.13	1,000.00

Science Department

Balance from 1921	\$5.55
Appropriation	2,000.00
	\$2,005.55

Expended:

Bills Paid	\$1,987.56	
Balance to Excess and Deficiency	17.99	\$2,005.55

Music Department

Balance from 1921	\$53.90
Appropriation	500.00
	\$553.90

Expended:

Bills Paid	\$291.84	
Transfer Order No. 13717	53.90	
Transfer Order No. 14302A	145.23	
Balance to Excess and Deficiency	62.93	\$553.90

Commercial Department

Balance from 1921	\$40.83
Appropriation	900.00
	\$940.83

Expended:

Bills Paid	\$854.33	
Transfer Order No. 13717	39.98	
Balance to Excess and Deficiency	46.52	\$940.83

LIBRARIES

Salaries and Wages

Appropriation	\$6,960.00
Transfer Order No. 14259 ..	50.00
	\$7,010.00

Expended:

Pay Rolls	\$6,992.09	
Balance to Excess and Deficiency	17.91	\$7,010.00

Books and Magazines

Appropriation		\$2,900.00
Expended:		
Bills Paid	\$2,898.44	
Balance to Excess and Deficiency	1.56	\$2,900.00

Binding

Appropriation		\$600.00
Expended:		
Bills Paid	\$599.99	
Balance to Excess and Deficiency	.01	\$600.00

Fuel and Light

Appropriation		\$1,000.00
Expended:		
Coal and Wood	\$486.81	
Electric Lighting	234.81	
Transfer Order No. 14268	150.00	
Balance to Excess and Deficiency	128.38	\$1,000.00

Building, Janitors' Supplies, etc.

Appropriation		\$1,200.00
Transfer Order No. 14268		50.00
Expended:		
Repairs	\$503.17	
Rent	580.00	
Supplies	18.25	
Water Rates	9.00	
Miscellaneous	115.40	
Balance to Excess and Deficiency	24.18	\$1,250.00

Other Expenses

Balance from 1921		\$16.00
Appropriation		450.00
Transfer Order No. 14258		50.00
		\$516.00

Expended:

Stationery, Printing, etc.	\$321.42	
Postage and Telephone	84.94	
Stock and Labor	16.59	
Miscellaneous	80.28	
Balance to Excess and Deficiency	12.77	\$516.00

RECREATION**Pine Banks Park**

Appropriation	\$1,900.00
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Expended:

Paid Trustees of Pine Banks Park	\$1,900.00
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Park Department

(For details see report of Park Commissioners)

General Administration—Salaries and Wages

Appropriation	\$200.00
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Expended:

Salary of Clerk	\$200.00
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Other Expenses

Balance from 1921	\$91.34
Appropriation	150.00

\$241.34

Expended:

Bills Paid	\$50.89	
Balance to 1923	190.45	\$241.34

Parks and Gardens—Salaries and Wages

Appropriation	\$2,500.00
Transfer Order No. 14040	350.00
Transfer Order No. 14207	50.00

\$2,900.00

Expended:

Pay Rolls	\$2,885.05	
Transfer Order No. 14309	14.95	\$2,900.00

Improvements

Appropriation		\$250.00
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Expended:

Transfer Order No. 13996	\$250.00	

Other Expenses

Appropriation		\$500.00
Transfer Order No. 13996		250.00
Transfer Order No. 14207		25.00
		\$775.00

Expended:

Bills Paid	\$634.48	
Transfer Order No. 14040	100.00	
Transfer Order No. 14309	28.17	
Balance to Excess and Deficiency	12.35	\$775.00

Park Lighting

Appropriation		\$332.00
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Expended:

Bills Paid	\$270.00	
Transfer Order No. 14207	62.00	\$332.00

Development of Ice House Property

Balance from 1921		\$2,722.00
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Expended:

Bills Paid	\$391.40	
Transfer Order No. 14040	1,400.00	
Balance to 1923	930.60	\$2,722.00

Winter Sports

Appropriation		\$1,000.00
Expended:		
Pay Rolls and Bills Paid	\$1,001.75	
Overdraft to 1923		1.75
	\$1,001.75	\$1,001.75

Removal of Snow

Balance from 1921		\$233.07
Appropriation		300.00
		\$533.07
Expended:		
Pay Rolls and Bills Paid	\$487.17	
Balance	45.90	\$533.07

Hockey Rink

Transfer Order No. 14246		\$250.00
Transfer Order No. 14309		201.29
		\$451.29
Expended:		
Bills Paid	\$431.05	
Balance to Excess and Deficiency	20.24	\$451.29

Erection of Fence, Tremont Street

Appropriation		\$1,500.00
Expended:		
Bills Paid	\$3.75	
Balance to 1923	1,496.25	\$1,500.00

Playgrounds—Salaries and Wages

Appropriation		\$1,000.00
Transfer Order No. 14207		263.20
		\$1,263.20

Expended:

Pay Rolls	\$1,088.43	
Transfer Order No. 14040	100.00	
Transfer Order No. 14309	74.77	\$1,263.20

Improvements

Appropriation		\$100.00
Transfer Order No. 13996	\$100.00	

Other Expenses

Balance from 1921		\$38.46
Appropriation		400.00
Transfer Order No. 13996		100.00
Transfer Order No. 14040		600.00
Transfer Order No. 14207		85.00
		\$1,223.46

Expended:

Bills Paid	\$1,176.09	
Transfer Order No. 14309	47.37	\$1,223.46

MESSENGER'S MEADOWS—Salaries and Wages

Appropriation	\$700.00
Transfer Order No. 14040	350.00

\$1,050.00

Expended:

Pay Rolls	\$1,045.33	
Transfer Order No. 14207	4.67	\$1,050.00

Other Expenses

Appropriation	\$800.00
Transfer Order No. 14168	36.77
Transfer Order No. 14207	192.24

\$1,029.01

Expended:

Bills Paid	\$811.75	
Transfer Order No. 14040	200.00	
Transfer Order No. 14309	17.26	\$1,029.01

BATHHOUSES—Salaries and Wages

Appropriation		\$500.00
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Expended:

Pay Rolls	\$299.50	
Transfer Order No. 14040	70.00	
Transfer Order No. 14207	130.50	\$500.00

Improvements and Additions

Appropriation	\$150.00
Transfer Order No. 14040	70.00

\$220.00

Expended:

Bills Paid	\$208.58	
Transfer Order No. 14207	11.42	\$220.00

Other Expenses

Appropriation	\$300.00
Transfer Order No. 14040	500.00

\$800.00

Expended:

Bills Paid	\$731.23	
Transfer Order No. 14207	50.00	
Transfer Order No. 14309	18.77	\$800.00

Purchase of Portable Building and Bleachers

Appropriation	\$1,800.00
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Expended:

Bills Paid	\$1,763.23	
Transfer Order No. 14168	36.77	\$1,800.00

CELEBRATIONS AND ENTERTAINMENTS**RinginB Bells**

Appropriation		\$100.00
Expended:		
Bills Paid	\$40.00	
Balance to Excess and Deficiency	60.00	\$100.00

Pensions

Appropriation:		
Fire Department		\$650.00
Public Works Department		4,704.32
Cemetery Department		235.00
Library Department		600.00
Police Department		875.00
Collector's Department		375.00
		\$7,439.32
Expended:		
Fire Department	\$650.00	
Public Works Department	4,704.32	
Cemetery Department	230.37	
Library Department	600.00	
Police Department	875.00	
Collector's Department	291.37	
Balance to Excess and Deficiency	88.26	\$7,439.32

UNCLASSIFIED—Claims

Balance from 1921	\$101.94
Transfer Order No. 13605	20.00
Transfer Order No. 14146	50.00
Transfer Order No. 14149	50.00
	\$221.94

Expended:		
Claim Paid	\$20.00	
Balance to 1923	201.94	\$221.94

CITY OF MELROSE

Memorial Day

Appropriation G. A. R.	\$400.00
Transfer Order No. 14160	15.39
Appropriation Veteran Firemen's Ass'n	50.00
Appropriation American Legion Post 90	200.00
	\$665.39

Expended:

Bills Paid G. A. R.	\$415.39	
Bills Paid Veteran Firemen's Ass'n	50.00	
Bills Paid American Legion Post 90	157.52	
Balance to Excess and Deficiency	42.48	\$665.39

Printing City Report

Appropriation	\$1,000.00
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Expended:

Bills Paid	\$943.29	
Balance to Excess and Deficiency	56.71	\$1,000.00

Ice for Drinking Fountain

Appropriation	\$50.00
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Expended:

Bills Paid	\$50.00

Fire and Boiler Insurance

Balance from 1921	\$64.00
Appropriation	\$4,500.00
Cash Refunds	129.66
	\$4,693.66

Expended:

Bills Paid	\$1,149.33	
Balance to Excess and Deficiency	544.33	\$4,693.66

Portraits

Balance from 1921		\$435.00
Transfer Order No. 13700		75.00
Transfer Order No. 14164		75.00
		\$585.00
Expended:		
Bills Paid	\$325.00	
Balance to 1923	260.00	\$585.00

Soldiers' Compensation, Equalization of Pay

Appropriation		\$527.87
Expended:		
Bills Paid	\$372.00	
Balance to 1923	155.87	\$527.00

County Aid to Agriculture

Appropriation		\$100.00
Expended:		
Paid to Middlesex County Bureau of Agriculture	\$100.00	

Municipal Organ Concerts

Balance from 1921		\$29.94
Appropriation		1,000.00
		\$1,029.94
Expended:		
Bills Paid	\$638.00	
Transfer Order No. 14230	250.00	
Transfer Order No. 14343	140.00	
Balance to Excess and Deficiency	1.94	\$1,029.94

American Legion Post 90, Headquarters

Appropriation		\$900.00
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Expended:

Rent of Rooms	\$895.83	
Balance to Excess and Deficiency	4.17	\$900.00

Tremont Street Property

Received for Rental		\$140.00
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Expended:

Repairs	\$2.82	
Balance to Excess and Deficiency	137.18	\$140.00

Board and Care at Hospital, Capt. P. J. Laffey

Transfer Order No. 14264		\$137.49
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Expended:

Melrose Hospital	\$137.49	
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Acquiring Title of Land at Eleventh Street, Winthrop School

Transfer Order No. 13759		\$50.00
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Expended:

Bills Paid Recording	\$25.40	
Balance	24.60	\$50.00

Dedication William C. N. Boylen Square

Transfer Order No. 14035		\$350.00
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Expended:

Bronze Tablet	\$95.00	
Foundation and Trucking	70.00	
Transportation	33.00	
Stock and Labor Installing Tablet	46.86	
Music	40.00	
Balance to Excess and Deficiency	65.14	\$350.00

Lloyd Square, Purchase of Land

Swains Pond Ave. and Cumner Ave.

Transfer Order No. 14175	\$150.00
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No Expenditures

Balance forward	\$150.00	

Water Division

(For details see Report of Engineer and Supt. of Public Works)

Maintenance

Appropriation	\$20,000.00
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Receipts from Sundry Sources	66.18
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Expended:

Pay Rolls and Bills Paid	\$21,604.41	
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Balance		1,538.23
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\$21,604.41	

\$21,604.41	

Inside Services

Balance from 1921	\$2.56
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Cash Receipts, Estimates, etc.	5,076.92
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Expended:

Pay Rolls and Bills Paid	\$4,373.04	
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Estimates Refunded	768.40	
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Balance		61.96
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\$5,141.44	

\$5,141.44	

Public Sales

Cash Received (Fees)	\$39.10
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Expended:

Bills Paid	\$7.93	
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Balance to Excess and Deficiency	31.17	\$39.10
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Cemetery Department

Maintenance Appropriation	\$12,800.00	
Transfer Order No. 14163	957.67	
Care Soldiers' Graves, Appropriation	200.00	
		\$13,957.67

Expended:

Salary of Committee	\$75.00	
Salary of Superintendent	1,800.00	
Salary of Clerk	156.00	
Pay Rolls	9,549.94	
Disability Pay and Expense	957.67	
Shrubs, Seeds, Dressing, Tools, Hardware, Supplies, etc.	471.09	
Stationery, Printing, Postage, Telephone, etc.	180.92	
Fuel, Light, Water Rates, etc.	79.04	
Engineering and Filling	202.50	
Stock, Labor and Repairs	257.88	
Liability and Insurance	76.44	
Miscellaneous	42.83	
Balance to 1923	108.36	\$13,957.67

Interest

Balance from 1921	\$6,832.03	
Appropriation	52,000.00	
Received on Bank Deposits	3,084.53	
Received on Taxes and Assessments	17,342.11	
Accrued on Bonds and Notes Sold	167.41	
		\$79,426.08

Expended:

On Revenue Loans	\$16,760.07	
On Municipal Loans	9,111.45	
On Schoolhouse Loan coupons	2,730.00	
On Sewer Loan coupons	16,077.50	
On Surface Drainage Loan coupons	8,256.03	
On Auditorium Loan coupons	800.00	
On Park Loan coupons	170.00	
On Toothaker Fund	61.12	
Balance to 1923	25,459.91	\$79,426.08

AGENCY, TRUST AND INVESTMENT TRANSACTIONS

Agency

Guarantee Deposits:

Certified Checks		\$300.00
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Expended:

Checks returned	\$250.00	
Balance to 1923	50.00	\$300.00

Taxes

State		\$46,560.00
County		29,576.48
Metropolitan Sewer		21,359.60
Metropolitan Park		14,037.11
Charles River Basin		2,213.39
State Highway		557.06
War Bonus		16,272.00
Fire Prevention		232.67

\$130,808.31

Expended:

Paid State Treasurer	\$101,231.83	
Paid County Treasurer	29,576.48	\$130,808.31

Trusts

Sarah E. Fitch School Fund:

Balance from 1921		\$117.80
Interest for 1922		30.00

Balance to 1923	\$147.80	\$147.80
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Levi S. Gould School Medal Fund:

Balance from 1921		\$164.77
Interest for 1922		42.50

Balance to 1923	\$207.27	\$207.27
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N. F. Hesseltine Fund for Promotion of
Interest in Wild Animals:

Balance from 1921	\$5.22
Interest for 1922	4.25

Balance to 1923	\$9.47	\$9.47
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J. C. F. Slayton Organ Fund:

Received from New York City	\$400.00
Deposited in Melrose Savings Bank	\$400.00

NON-REVENUE

Loans Authorized

Order No. 13523	Purchase Portable Buildings and Bleachers, Park Dept.....	\$1,800.00
" 13320	Purchase Keating Property Pleasant Street	3,350.00
" 13577	Repairs to Fire Alarm and Police Signal Wires	2,340.00
" 13660	Water Construction	10,000.00
" 13680	Continuous Sidewalks	10,000.00
" 13739	Rogers Street Macadam.....	2,000.00
" 13930	Sewer Construction	10,000.00
" 13931	Surface Drainage Construction.....	10,000.00
" 11712B	East Foster Street Construction....	11,000.00
" 13406B	Wyoming Heights Construction....	3,500.00
" 13966A	Water Construction	7,000.00
" 13966B	Surface Drainage Construction.....	10,000.00
" 13966C	Sewer Construction	10,000.00
" 13929	Purchase Philbrick Land, Pleasant Street	1,700.00
" 13989	Fire Alarm Box (Folsom Ave. and Granite St.)	250.00
" 13998	Continuous Sidewalks.....	10,000.00
" 13811A	North Avenue Macadam.....	4,500.00
" 13811B	North Avenue Curbing.....	2,000.00
" 9612E	Russell Street Construction.....	12,000.00
		\$121,440.00
Loans Issued		109,440.00
		\$12,000.00

Fire Alarm Box (Folsom Avenue and Granite Street)	
Loan Order No. 13989.....	250.00

Expended:

Box and Supplies.....	\$222.47	
Pay Rolls	15.80	
Balance	11.73	
		\$250.00

SEWER DIVISION—Private Sewers

Balance from 1921.....	\$604.01
Cash Received (Estimates, etc.).....	9,063.34
	\$9,667.35

Expended:

Pay Rolls and Transfer Bills.....	\$6,951.41	
Estimates Refunded	1,729.71	
Balance to 1923	986.23	\$9,667.35

Construction

(For details see report of Engineer and Superintendent Public Works)

Balance 1921	\$6,661.72
Loans Authorized No. 13930	10,000.00
Loans Authorized No. 13966C	10,000.00
Cash	52.29
	\$26,714.01

Expended:

Pay Rolls, Bills and Transfer Bills	\$26,293.77	
Balance to 1923	420.24	\$26,714.01

Surface Drainage Construction

(For details see report of Engineer and Superintendent Public Works)

Balance from 1921	\$3,312.04
Loans Authorized No. 13931	10,000.00
Loans Authorized No. 13966B	10,000.00
Cash	73.27
	\$23,285.31

Expended:

Pay Rolls, Bills and Transfer Bills	\$17,484.21	
Balance to 1923	5,901.10	\$23,285.31

Highways

(For details see report of Engineer and Superintendent Public Works)

Continuous Walks

Balance from 1921		\$2,719.56
Assessment Collected 1922		6,871.96
Loan Authorized No. 13680		10,000.00
Loan Authorized No. 13998		10,000.00
		\$29,591.52
Expended:		
Pay Rolls, Bills and Transfer Bills	\$18,697.40	
Balance to 1923	10,894.12	\$29,591.52

Crosswalks and Gutters

Balance from 1921		\$1,533.22
No Expenditures		
Balance to 1923	\$1,533.22	

Main Street Paving

Balance from 1921		\$1,125.32
Expended:		
Bills and Transfers	\$1,009.01	
Balance to 1923	116.31	\$1,125.32

East Foster Street Construction

Loans Authorized No. 11712B		\$11,000.00
Expended:		
Pay Rolls, Bills and Transfers	\$10,142.56	
Balance to 1923	857.44	\$11,000.00

Round Corner Main and Porter Streets

Balance from 1921		\$263.32
Transfer Order No. 14206	\$263.32	

Waverly Place Construction

Balance from 1921		\$2,440.64
Expended:		
Pay Rolls, Bills and Transfers	\$345.02	
Transfer Order No. 14169	1,500.00	
Balance to 1923	595.62	\$2,440.64

Appleton Street Macadam

Balance from 1921		\$2,104.99
Expended:		
Pay Rolls, Bills and Transfers	\$1,407.61	
Balance to 1923	697.38	\$2,104.99

Rogers Street Construction

Balance from 1921		\$6,062.84
Expended:		
Pay Rolls, Bills and Transfers	\$4,301.19	
Balance to 1923	1,761.65	\$6,062.84

Rogers Street Macadam

Loan Authorized No. 13739		\$2,000.00
Expended:		
Pay Rolls, Bills and Transfers	\$1,848.27	
Balance to 1923	151.73	\$2,000.00

Warwick Road Construction

Balance from 1921		\$12,570.70
Expended:		
Pay Rolls, Bills and Transfers	\$6,963.79	
Balance to 1923	5,606.91	\$12,570.73

Purchase Building and Land on Pleasant Street

(Keating Stable)

Loan Authorized No. 13320		\$3,350.00
Expended:		
Paid J. J. Keating	\$3,350.00	

CITY OF MELROSE

Russell Street Construction

Loan Authorized No. 9612B		\$12,000.00
Expended:		
Bills Paid	\$4.77	
Balance to 1923	\$11,995.23	\$12,000.00

Wyoming Heights Construction

Loan Authorized No. 13406B		\$3,500.00
Expended:		
Pay Rolls, Bills and Transfers	\$1,088.46	
Balance to 1923	2,411.54	\$3,500.00

North Avenue Construction

Loan Authorized No. 13811A		\$4,500.00
Loan Authorized No. 13811B		2,000.00
		\$6,500.00
Expended:		
Pay Rolls, Bills and Transfers	\$2,899.17	
Balance to 1923	3,600.83	\$6,500.00

Main Street Construction

Estimates Received		\$350.00
Expended:		
Estimates Refunded	\$65.70	
Balance	284.30	\$350.00

Park Department

(For details see report of Park Commissioners)

Loan Authorized No. 13523, Purchase of Portable Buildings and Bleachers		\$1,800.00
Expended:		
Bills Paid	\$1,763.23	
Transfer Order No. 14168	36.77	\$1,800.00

Purchase Philbrick Lot, Pleasant Street

(Lincoln Playground)

Loan Authorized No. 13929	\$1,700.00
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Expended:

Paid A. L. Philbrick	\$1,700.00
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Water Division, Construction

(For details see report of Engineer and Superintendent Public Works)

Balance from 1921	\$1,380.72
Loan Authorized No. 13660	10,000.00
Loan Authorized No. 13966A	7,000.00
Stock	2,573.13

 \$20,953.85

Expended:

Pay Rolls, Bills and Transfers	\$20,758.93
Balance	194.92

 \$20,953.85
Pay Roll Tailing

Balance from 1921	\$581.21
Additional 1922	1.05

 \$582.26

Refunded	.35
Balance to 1923	\$581.91

 \$582.26
Reserve Fund (15%)

Transferred from Sundry Accounts	\$2,822.21
Balance to 1923	\$2,822.21

PREMIUM FUNDS**Sewer Loan**

Balance from 1921	\$26.50
Cash Received	182.40

 \$208.90

Expended:

Transfer to Revenue 1922	\$26.50	
Balance to 1923	182.40	\$208.90

Surface Drainage Loan

Balance from 1921	\$116.00	
Cash Received	182.40	

\$298.40

Expended:

Transfer to Revenue 1922	\$116.00	
Balance to 1923	182.40	\$298.40

Water Loan

Balance from 1921	\$140.15	
Cash Received	148.83	

\$288.98

Expended:

Transfer to Revenue 1922	\$140.11	
Balance to 1923	148.87	\$288.98

Municipal Loans

Balance from 1921	\$603.17	
Cash Received	305.49	

\$908.66

Expended:

Transfer to Revenue 1922	\$603.17	
Balance to 1923	305.49	\$908.66

Temporary Loans

Cash Received	\$25.32	
Balance to 1923	\$25.32	

SINKING FUNDS

Receipts

Received from Sinking Fund Commissioners	\$10,000.00
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Expended:

Water Bonds Paid	\$10,000.00
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Sewer Loan Sinking Fund

Balance from 1921	\$282,269.08
Assessments Collected	3,147.69
Interest on Investments	11,827.39

Payments:

Accrued Interest on Bonds Bought	\$132.41
Loss on Bonds Bought	152.00
Expenses	12.00
Balance to 1923	296,947.75

	\$297,244.16

	\$297,244.16
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Surface Drainage Sinking Fund

Balance from 1921	\$63,342.61
Budget Appropriation	2,502.71
Interest on Investments	2,627.12

Payments:

Accrued Interest on Bonds Bought	\$33.91
Loss on Bonds Bought	36.40
Expenses	3.00
Balance to 1923	68,399.13

	\$68,472.44

	\$68,472.44
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School Loan Sinking Fund

Balance from 1921	\$36,980.33
Budget Appropriation	2,592.56
Interest on Investments	1,553.64

Payments:

Accrued Interest on Bonds Bought	\$30.12
Loss on Bonds Bought	36.40
Expenses	2.00
Balance to 1923	41,058.01

	\$41,126.53

	\$41,126.53
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Water Loan Sinking Fund

Balance from 1921	\$50,239.91	
Gains on Bonds Sold	115.60	
Interest on Investments	2,032.62	
Payments:		
Bonds Matured		\$10,000.00
Expenses		3.00
Balance to 1923		42,385.13
	\$52,388.13	\$52,388.13

Trust Funds**Cemetery (Perpetual Care):**

Balance from 1921		\$73,545.25
Received for Care of Lots		6,709.00
Received for Care of Single Graves		1,005.00
Balance to 1923	\$81,259.25	\$81,259.25

SCHEDULE OF CITY PROPERTY**Fire Department:**

Central Fire Station	\$20,000.00	
Hose 3, Building and Land	4,275.00	
Hose 4, Building and Land	2,350.00	
Equipment and Personal Property	36,890.00	
Fire Alarm System	16,875.00	\$80,390.00

Police Department:

Equipment and Personal Property	\$7,715.00	
Police Signal System	5,710.00	\$13,425.00

Health Department:

Personal Property		\$100.00
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Forestry Department:

Personal Property		\$1,270.00
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Public Library:

Building and Land	\$40,600.00	
Books, Fixtures, etc.	61,000.00	\$101,600.00

Park Department:

Buildings and Land	\$90,300.00	.
Equipment, etc.	1,900.00	\$92,200.00

Cemetery Department:

Buildings and Land	\$36,100.00	
Equipment, etc.	313.00	
Water System	900.00	\$37,313.00

School Department:

Buildings and Land	\$430,396.00	
Heating Apparatus	21,509.00	
Books, Furniture and Fixtures	48,293.00	\$500,198.00

Sealer Weights and Measures:

Equipment and Fixtures		\$1,394.00
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Public Works Department:

City Hall, Building and Land	\$142,400.00	
Furniture and Fixtures	10,000.00	\$152,400.00

Auditorium:

Building, Land, Furniture and Fixtures ..		\$180,450.00
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Highway Division:

Buildings and Land	\$15,350.00	
Crusher Plant	4,800.00	
Equipment	18,250.00	\$38,400.00

Sewerage System:

Cost of Construction to Dec. 31, 1921	\$519,016.90	
Additional 1922	24,511.21	\$543,528.00

Surface Drainage System:

Cost of Construction to Dec. 31, 1921	\$273,364.56	
Additional 1922	17,543.72	\$290,908.28

Water System:

Cost of Construction to Dec. 31, 1921	\$534,702.02	
Additional 1922	20,007.83	\$554,709.85

\$2,588,286.24

Report of Public Works Department

ORGANIZATION

1922

Mayor

ANGIER L. GOODWIN

GEORGE O. W. SERVIS

Engineer and Superintendent

EMMA L. LEIGHTON

Stenographer

WILLIAM H. MARTIN

Bookkeeper

BLANCHE E. NICKERSON

Assistant Stenographer

ENOS R. PYE

Assistant Bookkeeper

AMY F. BARRY

OTILIE S. THOMPSON

Clerks

PATRICK G. DeCOURCY

Timekeeper

Assistant in Charge of Water Division

JAMES McTIERNAN

Assistant in Charge of Highways, Sewers and Drains

WALTER J. LORD

Engineering Division

CHARLES F. WOODWARD

Assistants

ALBERT J. WAGHORNE

JOHN F. RAND

JOHN B. SIMONDS

ADDISON P. MUNROE

To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

I submit the following report of the Public Works Department for the year 1922.

This department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street cleaning, collection of ashes, street signs, house numbering, and all work connected with the sewer, surface drainage and water systems, all engineering work relating to the above, care of City Hall, and the placing of insurance on city property.

PUBLIC WORKS OFFICE

Minimum rate and excess water bills and summonses have been made and delivered. Sewer connections, water services and individual sidewalks have been estimated and billed. Estimates have been made for the Board of Aldermen and committees as requested. Sidewalk assessments, sewer assessments and apportionments, betterment assessments and street watering assessments have been made. Contracts have been made for sidewalks and edgestones.

All engagements of the City Auditorium have been booked and bills rendered, and insurance placed on all city property. Three hundred and ninety permits have been given to open and occupy streets.

SALARIES AND WAGES

Appropriation		\$4,500.00
Expended		
Salary, Engr. and Supt. Public Works.....	\$3,000.00	
Clerical Services, General Office.....	1,275.00	4,275.00
Balance		\$225.00

Other Expenses

Appropriation	\$900.00	
Collections	15.00	\$915.00

Expended

Supplies	\$176.40	
Use of Automobile	437.50	
Schoolhouse Inspection	33.00	
Printing Public Works Dept., Report.....	47.88	
Stamps and Stationery	135.75	
Telephone Service	40.01	
Advertising	17.65	
Sundries	16.51	904.70
Balance		\$10.30

WATER DIVISION

Cast iron mains have been laid or extended in Cargill Street, Forest Street (North) Hesseltine Avenue, Kimball Court, Lincoln Street, Linden Road, Maple Road, Pilgrim Road, Porter Street, Sylvan Street, Twelfth Street, Waverly Avenue Extension, Wentworth Road, Wyoming Avenue at Lincoln School and Playground.

Cement mains have been replaced with cast iron mains in Cass Street, Lebanon Street, North Avenue and Washington Street. (See tables for details).

Eighty-one new services were laid and one abandoned.

Hydrants and Gates

Six additional hydrants have been placed, and one four-inch hydrant replaced with a six-inch hydrant.

Twenty-three gates have been placed (13 on mains and 10 on hydrants).

Water Meters

Eighty-one meters have been installed and ten removed.

Maintenance and Operation

The entire system of mains, services, hydrants, water meters, etc., have had careful attention and the necessary repairs and changes have been made. Following are some of the items.

- 2 services in private premises cleaned.
- 34 joints in iron pipe repaired.
- 76 service leaks in street repaired.
- 24 services in street cleaned.
- 15 breaks in cement pipe repaired.
- 41 services in street renewed with lead.
- 40 services in private premises renewed with lead.
- 7 gates repacked.

Hydrants have been oiled, repaired, painted and kept free from snow and ice. The Table of Relay gives length, size, etc., of cast iron pipe used to replace defective or small cement pipe. There still remain about ten and seventeen one hundredths (10.17) miles of cement pipe that should be replaced by cast iron pipe.

Total Pipage of the City

Length in feet $\frac{3}{4}$ inch pipe.....	956
Length in feet 1 inch pipe.....	1,939
Length in feet $1\frac{1}{2}$ inch pipe.....	375
Length in feet 2 inch pipe.....	6,235
Length in feet 4 inch pipe.....	54,368
Length in feet 6 inch pipe.....	159,389
Length in feet 8 inch pipe.....	25,731
Length in feet 10 inch pipe.....	20,334
Length in feet 12 inch pipe.....	23,097
Length in feet 14 inch pipe.....	3,024
Length in feet 16 inch pipe.....	5,223
Total	300,672

Length of cast iron pipe, 246,963 feet or 46.77 miles.

Length of cement pipe, 53,709 feet or 10.17 miles.

Total miles, 56.94.

Number of services in use.....	4,405
Number of meters.....	4,538
Number of fire hydrants	393
Number of gates on mains	733
Number of standpipes for street sprinkling.....	30
Number of watering troughs	2
Number of ornamental fountains	2
Number of drinking fountains (bubblers).....	10
Number of fire services.....	20

WATER CONSTRUCTION, 1922

LOCATION	Cast Iron Pipe		Gates		Hydrants		Remarks
	Size Inches	Length Ft.	Size Inches	No.	Size Inches	No.	
Cargil St., Lebanon St. east.....	6	406	6	2	6	1	406 ft. ¾ in. abandoned
Cass St. S.....	.....	.....	.....	.....	.....	.....	.....
Corey St., at hydrant.....	6	20	6	1	.....	.....	.....
Crescent Ave., cor. Russell St.....	.....	.....	6	1	.....	.....	.....
Forest St., No. 230, southerly.....	6	53	4	1	.....	.....	.....
Hesseltine Ave., Highland Ave. s'ly.....	6	554	6	1	6	1	.....
Kimball Ct.	6	19	6	1	6	1	.....
Kimball Ct.	4	166	.....	.....	.....	.....	166 ft. 1-in. abandoned
Lebanon St., near Malvern St.....	.....	.....	6	1	6	1	.....
Lincoln St.	6	287	6	1	.....	.....	.....
Linden Rd., opp. Elm St.....	.....	.....	4	1	.....	.....	.....
Linden Rd., opp Elm St.....	6	65	.....	.....	.....	.....	.....
Maple Road, at hydrant.....	.....	.....	6	1	.....	.....	.....
Maple Road, at Warwick Rd.....	6	122	6	1	.....	.....	.....
North Ave.....	.....	.....	6	1	.....	.....	.....
Pilgrim Road.....	.....	.....	6	1	.....	.....	.....
Porter St.	6	124	6	1	.....	.....	.....
* Sylvan St., at Main St.....	6	256	6	1	.....	.....	.....
Tremont St., at culvert.....	10	155	.....	.....	.....	.....	.....
Twelfth St.....	.....	.....	10	1	.....	.....	.....
Walton Park, opp. No. 129.....	6	140	8	1	.....	.....	.....
Washington St., opp. Gould St.....	.....	.....	6	1	.....	.....	.....
Waverly Ave., Laurel St., southerly.....	6	658	10	1	.....	.....	.....
Waverly Ave., at hydrant.....	6	8	6	1	6	1	.....
Wentworth Rd.	6	124	6	.....	.....	.....	.....
Wyoming Ave., at Lincoln School.....	6	219	.....	.....	6	2	.....
		3,376	.....	24	.....	6	

* Not completed

WATER ASSESSMENTS AND CONSUMPTION

The annual assessments paid by the City of Melrose as its proportional part of the cost and operation of the Metropolitan Water Works are given below:

Year	Total	Year	Total
1898.....	\$2,332.94	1911.....	\$21,200.58
1899.....	4,921.63	1912.....	20,978.01
1900.....	6,740.49	1913.....	22,684.86
1901.....	12,546.32	1914.....	22,647.92
1902.....	14,434.93	1915.....	19,321.32
1903.....	17,815.34	1916.....	18,936.29
1904.....	19,722.73	1917.....	18,835.83
1905.....	20,478.53	1918.....	20,222.33
1906.....	25,230.09	1919.....	22,670.68
1907.....	26,971.19	1920.....	23,153.10
1908.....	28,693.90	1921.....	24,093.56
1909.....	24,523.38	1922.....	23,191.14
1910.....	19,640.91		

The average daily per capita consumption (gallons) of water in Melrose, as recorded by the Venturi meter, operated by the Metropolitan Water Works is shown for the years 1907-09 and 1919-22.

1907	1908	1909	1919	1920	1921	1922
118	89	63	58	61	57	62

In 1908 general metering of the city was commenced and in 1909 practically all services were metered. All new services are metered when put in use. Tables show saving made by metering.

WATER CONSTRUCTION

Balance Jan. 1, 1922	\$1,380.72	
Balance Stock Jan. 1, 1922	2,573.13	
Appropriation	17,000.00	\$20,953.85

Expended

Pay Rolls	11,506.30	
Invoices for Stock, etc.	9,319.43	
Injuries, Lost time	80.00	20,905.73
Balance		\$48.12
Total purchases and payrolls		\$20,905.73

Services:

Stock and Insurance	\$1,361.49	
Labor and Teams	1,762.29	\$3,123.78

Meters Installed:

Stock and Insurance	951.63	
Labor and Teams	119.71	1,071.34

Main Lines:

Stock and Insurance	5,820.25	
Labor and Teams	9,992.46	15,812.71
Balance		897.90

WATER MAINTENANCE

Appropriation	\$20,000.00	
Stock on hand Jan. 1, 1922	1,580.60	
Collections	66.18	
Received from other accounts	8,245.67	\$29,892.45

Expended

Services, Maintenance and Repairs	\$3,984.72
Relay main lines	3,850.67
Maintenance and operation main lines	3,110.29
Maintenance and operation hydrants	1,434.63
Meters, reading	2,267.00
Meters, remove and repair	1,121.15
Salaries and general account	3,214.40
Hardware and sundries	769.42
Stamps and stationery	212.84
Telephone service	128.87
Stock, labor and yard expense	528.57
Insurance	283.86
Use of automobile	226.02

Trench tools	286.64	
Trench lighting	495.79	
Shop expense	1,494.66	
Blacksmithing	893.51	
Damages, water break	100.00	24,403.04
Balance		\$5,489.41

INSIDE SERVICES AND CHARGES

Balance 1921 account	\$2.56	
Receipts	4,199.35	\$4,201.91

Expended

Pay rolls, insurance and tools	2,285.51	
Stock and teams	2,091.53	\$4,377.04
Bills due	\$175.13	

STOCK ACCOUNT

Stock on hand Jan. 1, 1922	\$1,580.60	
Stock purchased 1922	7,796.10	
Stock, labor and yard rent	528.57	\$9,905.27
Credit:		
By stock charged to other accounts	1,726.69	
By stock maintenance account	2,687.17	4,413.86
Balance		\$5,491.41

COST OF SYSTEM

Construction to Jan. 1, 1922	\$534,702.02
Construction 1922	20,007.83
Cost of System to Jan. 1, 1923.....	\$554,709.85

WATER RATES

Received by Treasurer	\$55,917.51	
Summons	125.40	\$55,917.51

HIGHWAY DIVISION

East Foster Street.

East Foster Street, from the dead end east of Sixth Street to Waverly Avenue, is under construction, in fact is nearly completed. The big fill near Waverly Avenue has been brought to grade using the rock and earth blasted and excavated on the other part of the work and some from gravel pits and lots in the vicinity. The whole length is graded, but some additional filling will be required on the big fill and the whole length of the street regraded and rolled. This will be done as soon as weather conditions permit.

The extension of this street will be appreciated by our own motorists and by those passing through the City to the East, as East Foster Street leading from Main Street has often been taken for a through street, causing much annoyance and confusion.

Rogers Street.

Rogers Street has been macadamized from Meridian Street to Goss Avenue, connecting with the part constructed in 1921, and completing the work from Meridian Street to Swains Pond Avenue. The improvement of this street makes a good direct highway from Lebanon Street to Swains Pond Avenue via Beach Avenue and Rogers Street. The need for this improved highway is shown by the amount of traffic now using this route.

Warwick Road.

Warwick Road from Lynn Fells Parkway to Perkins Street has been macadamized, the wall moved back at the curve near Youle Street, and sidewalks graded, completing the work of edgestones, gutters, macadam roadway and gravel sidewalks.

A wall and iron fence has been built on the northerly side of Appleton Street at the corner of Irving Street.

Haskell Street and Summit Avenue were improved with gravel and rolled, putting these streets in much better condition.

Washington Street, Stoneham Line southerly, was regraded, graveled, rolled and asphalt applied.

Edgestone has been set on North Avenue, granolithic walks laid on part of the street, and the underground work done preparing for macadamizing the roadway.

Edgestone has been set on Wyoming Heights, and the roadway and gravel walks will be constructed as soon as conditions permit.

All highways requiring a dust-laying application were treated with tar or asphalt, and repairs made on all public highways.

Highway Snow Plowing

The demand that the highways be kept in condition for automobile traffic during the winter months has made an entirely new problem for this department.

If this work is to be done efficiently, at least four pieces of apparatus must be available for the purpose two trucks and two tractors equipped with snowplows. To keep the center of the street clear it is necessary to throw the snow into the gutters, filling them, making the plowing of the gutters impossible when the thaw or break-up of winter comes. The street plowing also piles up the snow at the street intersections and to make the intersections passable and safe it is necessary to cart away the surplus snow, adding a new item to the expense of snow work.

Surface Drainage

The surface drainage system has been extended on Briggs Street, Elm Street, First Street, Foster Street, Maple Road, Mt. Vernon Street, Porter Street, Sargent Street, Sewall Woods Road, and Wyoming Avenue from Hurd Street to Pleasant Street.

A new and larger culvert has been constructed on Washington Street at Cascade Brook.

The old culverts on Walton Park and North Avenue were replaced with drain pipe.

Manholes and catch basins required on the above drains have been constructed with the necessary connections. (See table for details.)

All catch basins have been cleaned.

Care of Brooks

All the open brooks have been widened and cleaned. As new tracts of land are developed opening new streets, and the improvement of the present highway and surface drainage systems, the care of the open brooks becomes more important and will require constant attention.

Planting New Trees

Fifty maple trees have been set out where requests were made, the applicant paying \$3.00 for each tree. Twelve dead or damaged trees were replaced.

The planting of new trees should be advocated and encouraged, and where possible on the entire length of a street, rather than in front of individual estates to give uniform spacing and growth. This can be done on new streets or on old streets on which there are no trees, but on streets that have trees planted at different periods the new trees must be placed to the best advantage.

Care of Trees

The sleet storm of November, 1921, caused much damage to the highway trees. A force of tree men have been at work all the year removing the damaged branches and dead wood, and trimming or pruning as many as possible.

Sidewalks

There have been 4633 linear feet of new edgestones set and 1066 linear feet of edgestones reset. There have been 4735.72 square yards of granolithic and 52.77 square yards of new tar concrete sidewalks constructed. Under repairs to present walks 1451.71 square yards of four-coat work, 915.75 square yards of three-coat work, 1303.71 square yards two-coat work, and 2733.05 square yards of top-dressing of tar concrete walks have been laid. Many unimproved sidewalks have been graded with soft coal cinders and covered with stone dust. (See tables.)

GENERAL ADMINISTRATION

Appropriation	\$3,000.00	
Transfer	22.66	\$3,022.66
Expended:		
Bookkeeper, part salary	836.00	
Assistant Bookkeeper, part salary	44.50	
Assistant Superintendent, part salary .	1,897.16	..
Use of Automobile	245.00	3,022.66

Highway Repairing

Appropriation	\$40,000.00	
Balance	91.83	
Street Railway Tax	326.41	40,418.24
Expended:		
Pay rolls	\$44,324.21	
Invoices and stock	31,789.08	
	\$76,113.29	

Less transferred and sold to other accounts	35,856.40	40,256.89
Balance		\$161.35

NOTE:—Amount due from Moth Dept. for
insurance, \$33.24, included in above
balance.

Appleton Street

Appropriation		\$3,900.00
Expended:		
Street work, 1921	\$1,795.01	
Street work, 1922	1,407.61	3,202.62
Balance		\$697.38

East Foster Street

Extension to Waverly Avenue

Appropriation		\$11,000.00
Expended:		
Labor and teams	\$8,354.24	
Stock and Insurance	1,788.32	10,142.56
Balance		\$857.44

West Foster Street

Appropriation	\$400.00	
From Highways	115.03	\$515.03
Expended:		
Labor and teams	224.44	
Stock and insurance	290.59	515.03

Main Street Paving

Balance 1921	\$1,124.32	
Expended 1922	1,009.01	
Balance		115.31

North Avenue Edgestone

Appropriation		\$2,000.00
Expended:		
Labor and teams	\$969.06	
Stock and insurance	1,268.63	2,237.69

North Avenue Construction

Appropriation		\$4,500.00
Expended:		
Labor and teams	\$585.85	
Stock and insurance	75.63	661.48
Balance		\$3,838.52

Rogers Street

Meridian St. to Argyle St.

Appropriation		\$2,000.00
Expended:		
Labor and teams	\$665.43	
Stock and insurance	1,222.28	1,887.71
Balance		\$112.29

Rogers Street

Argyle St. to Swains Pond Ave.

Appropriation		\$12,000.00
Expended:		
In 1921	\$5,937.16	
Labor and teams	1,494.92	
Stock	2,766.83	10,198.91
Balance		\$1,801.09

Russell Street

Crescent Ave. to Trenton St.

Appropriation		\$12,000.00
Expended:		
Recording papers		4.77
Balance		\$11,995.23

Warwick Road

Appropriation		\$18,000.00
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Expended:

In 1921	\$5,429.30	
Labor and teams	3,005.91	
Stock and insurance	3,957.88	12,393.09

Balance		\$5,606.91
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Waverly Place

Appropriation		\$11,000.00
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Expended:

In 1921	8,559.36	
In 1922	345.02	8,904.38

Balance		\$595.62
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Wyoming Heights

Appropriation		\$3,500.00
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Expended:

Labor and teams	\$514.02	
Stock and insurance	574.44	1,088.46

Balance		\$2,411.54
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UNEXPENDED BALANCE

Orient Place		\$44.45
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GRAVEL SIDEWALKS

Alden Street	\$43.38
Appleton Street	196.87
Hawes Avenue	104.88
Hopkins Street	19.50
Leeds Street	95.18
Linwood Avenue	352.50
Lynde Street	154.12
Main Street	9.88
Mt. Vernon Street	48.76

Orrin Street	19.75
Porter Street	10.50
Russell Street	47.87
Swains Pond Avenue.....	124.00
Trenton Street	175.66
Upham Street	56.37
Washington Street	18.37
Whittier Street	71.07
General Repairs	75.19

\$1,623.85

HIGHWAY REPAIRS

Amount Expended, Stock, Teams and Labor

Altamont Avenue	\$83.44
Boylan Square	1.13
Cedar Park	12.75
Circuit Street	21.25
Essex Street	86.88
Ferdinand Street	38.69
Forest Street	520.07
Frances Street	4.00
Gibbons Street	69.69
Haskell Street	394.18
Hopkins Street	28.18
Laurel Street	123.19
Main Street	49.91
Maple Street	131.26
Melrose Street	32.69
Mt. Vernon Avenue	251.12
Mt. Vernon Street	22.50
Mystic Avenue	184.70
North Avenue	147.24
Park Street	144.12
Poplar Street	188.57
Sixth Street	171.88
South Avenue	60.44
Summit Avenue	553.57
Swains Pond Avenue	1,307.00
Sylvan Street	186.27
Trenton Street	11.85
Upham Street	31.37
Warwick Road	86.51
Washington Street	257.51

Wheeler Avenue	622.67	
Whittier Street	17.44	
Woodland Avenue	32.37	\$5,874.44

MISCELLANEOUS

Ice for Drinking Fountain:

Appropriation	\$50.00	
Expended for Ice	50.00	

Pensions:

Appropriation	\$4,500.00	
Transferred from other accounts	204.32	\$4,704.32

Expended, Pay Rolls		\$4,704.32
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Vacations:

Appropriation	\$5,000.00	
Transferred from other accounts	174.40	\$5,174.40

Expended, Pay Rolls		5,099.90

Balance		\$74.50
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Steam Roller:

Appropriation		\$6,250.00
Expended		6,250.00

Tractor and Snow Plow:

Appropriation		\$1,750.00
Expended		1,735.00

Balance		\$15.00
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Equalization of Soldiers' Pay:

Appropriation	\$400.00	..
Appropriation	127.67	\$527.67

Expended		372.00

Balance		\$155.67
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Removal of Snow and Sanding:

Appropriation	\$6,000.00	
Transferred from other accounts.....	1,060.71	7,060.71
Stock and teams paid from Highway acc't		3,083.49
Expended:		
Labor and teams	\$8,492.82	
Stock and insurance	1,651.38	10,144.20

Tremont Street Plans:

Appropriation	\$300.00
Expended	75.00
Balance	\$225.00

CITY HALL**Salaries and Wages:**

Appropriation	\$2,500.00
Expended:	
Pay rolls	\$2,397.73
Insurance	16.69
Balance	\$85.58

Other Expenses:

Appropriation	4,000.00
Collections by Treasurer	262.13
Expended:	
Supplies	671.34
Repairs	1,277.73
Coal and Wood	794.75
Electric Lighting	1,133.67
Gas Lighting	91.67
Plants for vase	49.50
Water rates	81.42
Labor	5.94
City teams	3.24
Sundries	83.35
Balance	\$69.52

Crosswalks and Paving

Balance from 1921	\$6,533.12	
Appropriation—rescinded	5,000.00	\$1,533.12

No expenditures.

Insurance

Appropriation	\$2,500.00	
Appropriation	2,000.00	
Return premiums	78.17	4,578.17
Expended, premiums		4,033.84
Balance		\$544.33

Planting New Trees

Balance 1921 account	\$240.89	
Appropriation	500.00	
Collections	51.50	\$792.39
Expended:		
Labor and teams	326.50	
Insurance and tools	35.58	
Trees	155.00	517.08
Balance		\$275.31

Care of Trees

Appropriations	\$10,000.00	
Expended:		
Labor and teams	\$8,112.85	
Stock, insurance and tools	414.96	8,527.81
Balance		\$1,472.19

Street Lighting

Appropriation	\$25,000.00	
Collection, Park Dept.	270.00	25,270.00
Expended:		
Malden Electric Co., as per contract	24,665.74	
Transfer to other account.....	301.08	24,966.82
Balance		\$303.18

Street Sprinkling

Appropriation	\$1,000.00	
Returned stock	41.93	
Returned stock	68.25	
Assessment	13,235.03	\$14,345.21

Expended:

Labor and teams	8,533.37
Tarvia and asphalt	\$2,053.41

 \$10,591.78

Sand and stone dust from Highways ..\$3,193.66

Street Cleaning

Appropriation	\$6,500.00	
Transferred from other accounts.....	384.23	\$6,884.23

Expended:

Labor and teams.....	\$6,884.23
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Collection of Ashes and Rubbish

Appropriations	\$12,500.00	
From Highways	392.66	\$12,892.66

Labor and teams.....	\$11,949.31
Insurance, tools and supplies.....	868.48
Labor, delivering ash cards.....	74.87

 \$12,892.66
Street Guide Boards and Numbers

Appropriation	\$600.00	
Transferred from other accounts.....	301.08	\$901.08

Expended:

Labor	\$156.85
Signs	526.54
Sign irons	80.62
House numbers	19.74
Painting crosswalks	43.21
City teams	49.20
Insurance and tools.....	24.92

 \$901.08

Continuous Walks

Balance 1921 account.....	\$2,719.56	
Apropriation	20,000.00	
Transfers	432.08	
Collections	6,871.96	\$30,023.60

Expended:

Pay rolls	\$3,645.58	
Invoices	14,512.40	
Highway Division account.....	781.44	
Sewer Division account.....	4.65	
Engineer's Salary account.....	37.10	
Individual Walk account.....	148.01	\$19,129.18
Balance		\$10,894.42

INDIVIDUAL WALKS—1922

ABUTTORS	LOCATION	No. of Blocks	Edgestones		Tar Concrete Sq. yds.	Granolithic		Sodding Sq. ft.
			Straight Lin. ft.	Curved Lin. ft.		Sq. yds. Drives	Walks Sq. yds.	
Anderson, G. P.	810 Main St.	2	.....	.....	.....	.....	.....	.....
Buck, W. F.	59 Ferdinand St.	2	.....	.....	4.33	.....	.....	.....
Churchill	Main St., 435	.....	.....	.....	.....	9.61	56.08	.....
Claus, H. T.	41 Morgan St.	2	.....	.....	.....	3.25	.....	.....
Dows, W. A.	Essex St.	2	.....	.....	8.00	.....	.....	.....
Dolher, F. C.	12 Beverly St.	2	.....	.....	.....	3.54	.....	.....
Edwards, Joseph	612 Main St.	1	.....	.....	.....	.....	.....	.....
French & Fields	Upland St.	2	.....	.....	.....	.....	.....	.....
Flood, C. W.	113 Mulvern St.	.....	.....	.....	.....	11.46	67.93	.....
Flux Block	Main St.	.....	Drop curb	.....	3.33	.....	.....	.....
Foss, Harold G.	132 Bellevue Ave.	.....	.....	.....	.....	14.54	161.02	.....
Friend Bros.	Grove St.	2	.....	.....	.....	14.54	161.02	.....
Griswold Land Co.	Griswold Rd.	.....	.....	38.00	.....	.....	12.68	.....
Garrett, H. L.	174 Bellevue Ave.	2	.....	.....	.....	.....	.....	.....
Hilop, Arthur	956 Main St.	2	.....	.....	3.00	.....	.....	.....
Hilop, E. H.	956 Main St.	2	.....	.....	.....	4.06	.....	.....
Holmes, Chas. J.	44 Briggs St.	2	.....	.....	.....	3.30	.....	.....
Holt, B. D.	26 Trenton St.	2	.....	.....	.....	.....	.....	.....
Lovejoy, B. E.	95 E. Foster St.	2	50.60	.....	.....	.....	.....	.....
Leonard, H. W.	65 Willow St.	.....	.....	.....	.....	.....	.....	.....
Liyall, Geo. H.	203 E. Foster St.	.....	.....	.....	.....	.....	.....	.....
Masonic Lodge	Wyoming Ave, W.	2	.....	.....	.....	.....	.....	144.00
Pierce, C. H.	152 Wyoming Ave, W.	.....	.....	.....	.....	14.10	212.68	.....
Presby, L. A.	20 Emerson Pl.	1	.....	.....	3.15	.....	.....	.....
Robbins, C. S.	80 Laurel St.	2	47.00	.....	.....	2.92	.....	.....
Richdale Oil Co.	Main St.	4	.....	.....	.....	53.30	45.03	.....
Solberg, Carl	23 Gooch St.	.....	.....	.....	.....	.....	.....	.....
Studley, Eleanor	102 E. Foster St.	1	.....	.....	2.30	.....	.....	.....
Sizer, G. R.	24 Fairmount St.	2	.....	.....	3.33	.....	.....	.....
Underhill, J. J.	19 Faxon St.	2	.....	.....	5.47	.....	.....	.....
Veinolt, R. H. L.	340 Main St.	2	.....	.....	3.50	.....	.....	.....
Wildon, G. A.	70 School St.	2	.....	.....	3.00	.....	.....	.....
Wass, H. F.	43 Marvin Rd.	.....	.....	.....	.....	.....	.....	.....
White, F. M.	73-75 Wyoming Ave.	.....	cut out curb	.....	3.33	.....	.....	.....
York, H. L.	506 Franklin St.	.....	Drop curb	.....	.....	.....	143.68	.....
Milliken, F. G.	38 South Ave.	2	.....	.....	.....	.....	.....	.....
Pendleton, M. J.	45 Green St.	2	.....	.....	.....	.....	.....	.....
Garden, George	111 Florence St.	2	96.00	.....	.....	.....	.....	.....
Broadhead, W. B.	9 Howard St.	2	.....	.....	.....	8.88	54.05	.....
Lerner, H. A.	4 Beverly St.	2	.....	.....	.....	.....	.....	.....

CONTINUOUS WALKS—1922

STREET	Side	From	To	Edgemonics		No of Blocks	Granolithic		Concrete Sq. yds.	Sodding Sq. ft.	Seeded Sq. ft.
				Straight Lin. ft.	Curved Lin. ft.		Walks Sq. yds.	Drives Sq. yds.			
Appleton St.....	North.....	Irving St.....	Fairmount St	.....	.....	.....	.....	.....	.....	.....	.....
Bellevue Ave.....	West.....	Porter St.....	Hillside Ave...	199.86	.....	2	191.58	12.02	.....	.....	.....
Boardman Ave.....	South.....	Brook.....	Damon Ave...	.....	.....	.....	131.56	20.80	.....	815.50	.....
First St.....	North.....	Greystone Rd..	Sewall St.....	661.40	53.50	16	425.38	83.10	.....	2,003.00	.....
Greystone Rd.....	East.....	First St.....	Northerly.....	109.00	.....	2	143.49	12.98	.....	270.50	.....
Linden Rd.....	North.....	No. 68.....	No. 72.....	.....	.....	.....	60.76	17.00	.....	318.00	.....
Linden Rd.....	North.....	At No. 64.....	.....	.....	.....	.....	33.33	.....	.....	.....	.....
Main St.....	.....	Cor. Wyoming.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Melrose St.....	South.....	Vinton St.....	Easterly.....	170.08	18.75	.....	125.95	25.33	.....	666.50	.....
North Ave.....	Both.....	Walton Pk.....	Stoneham line.	604.20	38.20	4	458.98	70.10	.....	.....	.....
*Newell Rd.....	East.....	Extension.....	Northerly.....	.....	206.60	18	127.77	16.08	.....	561.00	.....
Orient Park.....	South.....	At No. 15.....	.....	48.42	.....	.....	25.00	.....	.....	112.50	.....
*Rogers St.....	North.....	Meridian St...	Argyle St.....	190.30	47.00	.....	.....	.....	.....	.....	.....
Upham St.....	North.....	Lincoln St...	Easterly.....	997.00	47.75	12	646.61	48.97	.....	.....	6,047
Walton Park.....	West.....	North Ave....	Franklin St...	.....	.....	.....	62.09	.....	.....	.....	.....
Warwick Rd.....	West.....	Perkins.....	Northerly.....	.....	.....	.....	116.56	29.70	.....	718.50	.....
Wyoming Ave.....	North.....	Hurd.....	Cleveland.....	.....	.....	.....	812.53	121.44	.....	.....	.....
*Wyoming Park...	N. & E....	Brown St.....	Scutherly.....	270.00	121.00	.....	.....	.....	.....	.....	.....

* Highway Construction.

Individual Walks

Balance 1921 account.....	\$401.10	
Appropriation	1,000.00	
Collections	2,072.89	
Transfer	148.01	\$3,622.00

Expended:

Labor as per pay rolls.....	\$679.17	
Invoices	3,040.97	
Highway stock and teams.....	268.05	
Sewer stock	3.95	
Continuous walks stock.....	262.58	
Transfer	12.49	\$4,267.21

To be adjusted		645.21
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Repair of Present Walks

Appropriation	\$6,000.00	
Transferred from other accounts.....	1,500.00	
Collections	27.00	\$7,527.00
Less transferred to other accounts.....		1,060.71
		\$6,466.29

Expended:

Labor as per pay rolls.....	\$592.15	
Highway Division, stock and teams.....	92.53	
Granolithic	80.20	
Paving brick	83.58	
Concrete work	4,983.44	
Insurance and tools.....	69.07	
Damages	450.00	
Miscellaneous stock.....	115.32	\$6,466.29

SEWER DIVISION

Construction

Balance 1921	\$6,661.72
Appropriations	20,000.00

Collections	58.41	
From other divisions, stock and labor.....		\$4,547.42
		\$31,267.55

Expended:

Pay rolls	\$18,134.07	
Stock purchased	8,676.79	
Highway, stock and teams.....	3,846.34	
Labor and stock transfer.....	206.66	\$30,863.86
Balance		\$403.69

Cost of System

Construction to Jan. 1, 1922.....	\$519,016.90	
Construction 1922	24,511.21	
Total	\$543,528.11	

Maintenance

Appropriation	\$2,500.00	
Collections	148.42	
Transferred to other accounts.....	6.85	\$2,655.25

Expended:

Cleaning and repairing, labor and teams..	\$2,110.18	
Stock and invoices	235.72	
Insurance and tools.....	172.52	\$2,518.42
Balance		\$136.83

Private Sewers

Balance 1921 account.....	\$604.01	
Receipts	7,333.63	\$7,937.64

Expended:

Pay rolls	\$4,550.56	
Sewer stock and teams.....	1,585.69	
Highway stock and teams.....	565.58	
Concrete repairs	52.58	
Metropolitan District Commission.....	197.00	\$6,951.41
Balance		\$986.23

SEWERS BUILT TO JANUARY 1, 1923

Number of feet of 6-in. pipe.....	127,901
Number of feet of 8-in. pipe.....	56,029
Number of feet of 10-in. pipe.....	17,529
Number of feet of 12-in. pipe.....	10,281
Number of feet of 15-in. pipe.....	3,839
Number of feet of 18-in. pipe.....	5,150
Number of feet of 20-in. pipe.....	2,788
Number of feet of 24-in. pipe.....	1,213
Number of feet of 18 x 20 in. brick.....	3,035
Number of feet of 20-in. brick.....	111
Number of feet of 24-in. brick.....	28
	228,029

NOTE:—Total length of sewers 228,029 feet or 43.18 miles, 2.40 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by Act of Legislature Melrose is permitted to use in the same manner as local sewers.

SEWER CONSTRUCTION, 1922

STREET	LOCATION	Pipe		No. of M. Hs.
		Size Inches	Length Feet	
Argyle St.....	Extension, southerly.....	6	125	2
First St.....	13th St., westerly.....	6	365	2
First St.....	13th St., easterly.....	6	154	1
Marvin Rd.....	R. R., easterly.....	6	315	1
Maple Rd.....	Sewall Wds. Rd., n'thly..	6	740	4
Meridian St.....	Extension to Park St....	8	272	1
Park St.....	Meridian St. to Spear St..	8	135	1
Swainspond Ave.....	Grove St., southerly.....	6	200	1
Sewall Woods Rd....	Boulevard, northerly.....	6	810	5
*Spear St.....	Park St., southerly.....	6	338	1
Twelfth St.....	Upham St., southerly.....	6	152	1
Thirteenth St.....	Upham St. to First St....	6	448	2
	Totals		4104	20

* Unfinished.

SUMMARY

3,647 lin. ft. 6-in.

457 lin. ft. 8-in.

4,104 Total laid in 1922

SURFACE DRAINAGE

Construction

Appropriation	\$20,000.00	
Balance 1921 account.....	3,312.04	
Transfer	12.49	
Collections	73.27	\$23,397.80

Expended:

Construction	17,497.50
Balance	\$5,900.30

Maintenance

Appropriation	\$4,500.00	
Transfer	1,265.55	\$5,765.55

Expended:

Cleaning and repairing catch basins	\$4,699.07	
Cleaning drains	253.55	
Stock and invoices.....	91.04	
Insurance and tools.....	495.26	\$5,538.92
Balance		\$226.63

Cleaning Brooks

Appropriation	\$6,500.00	
Transferred to other accounts.....	1,174.40	\$5,325.60

Expended:

Labor and teams.....	\$4,873.16	
Insurance and tools.....	425.35	\$5,298.51
Balance		\$27.09

SURFACE DRAINAGE CONSTRUCTION—1922

STREET	LOCATION	Pipe		No. of M. Hs.	No. of C. B.
		Size Inches	Length Feet		
Briggs St.....	Northerly on private land.....	10	120	0	0
Elm St.....	Linden Rd., northerly.....	12	192	1	0
First St.....	Low pt. near Highview Ave.....	12	275	0	0
Foster St., east.....	Geoch St., easterly.....	15	96	1	2
Grove St.....	Replace C. B. at Friend Bros.....	.....	.....	.....	1
Messengers Meadows.....	Vinton St. to Brook.....	15	140	0	0
Mt. Vernen St.....	Extension, easterly.....	12	40	0	0
Maple Road.....	Sewall Woods Rd., northerly.....	12	200	1	0
Maple St., opp. Caseys and	southerly on private land.....	15	250	1	0
North Ave.....	Pipe Culvert, double line.....	18	90	0	0
Porter St.....	East St., easterly.....	10	226	1	0
Sargent St.....	Completed to Briggs St.....	15	200	1	0
Sewall Woods Rd.....	Boulevard, northerly.....	12	600	4	0
Uplian St.....	Repair of wall and culvert.....	.....	44	.....	.....
Walton Park.....	New culvert.....	24	60	.....	.....
Washington St.....	New culvert.....	.....	.....	.....	.....
Warwick Rd.....	Hurd St. to Pleasant St.....	15	140	0	3
Wyoming Ave.....	.....	.....	.....	0	1

**SUMMARY OF IMPROVED SURFACE DRAINAGE
CONSTRUCTED TO JANUARY 1, 1923**

8-inch Akron pipe.....	808 lin. ft.
10-inch Akron pipe.....	5,081 lin. ft.
12-inch Akron pipe.....	33,031 lin. ft.
15-inch Akron pipe.....	17,518 lin. ft.
16-inch Akron pipe.....	284 lin. ft.
18-inch Akron pipe.....	6,859 lin. ft.
20-inch Akron pipe.....	6,232 lin. ft.
20-inch Iron pipe.....	120 lin. ft.
24-inch Akron pipe.....	2,436 lin. ft.
Brick conduit	659 lin. ft.
Concrete conduit.....	9,037 lin. ft.
Number of manholes.....	371
Number of concrete culverts.....	8
Number of catch basins.....	661
Cost of system to January 1, 1922.....	\$273,364.56
Construction 1922.....	17,497.50
Cost of System to January 1, 1923.....	\$290,862.06
Total length of improved surface drains, 15.54 miles.	

ENGINEERING DIVISION

Salaries and Wages

Appropriation	\$6,500.00	
Transfer from other accounts.....	37.10	\$6,537.10
Expended:		
Salaries as per pay rolls.....	\$6,501.05	
Liability Insurance	36.05	\$6,537.10

Other Expenses

Appropriation		1,500.00
Expended:		
Supplies	\$357.01	
Automobile supplies and expenses.....	973.76	
Repairs	157.69	
Miscellaneous	11.54	\$1,500.00

SYNOPSIS OF WORK DONE

Highway Division.—Street lines and grades have been given for construction of new streets, including gutters, crossings, guard rails, etc., and record plans made for same.

Sewer Division.—Estimates have been rendered, lines and grades given, records kept of "Y" locations, plans and profiles made, and schedules for assessing all sewers constructed.

Water Division.—Estimates have been made and lines given for water mains constructed and relaid. For locations, lengths and size of mains see table under "Water Division."

Surface Drainage.—Surveys, computations and plans have been made, lines and grades given, and records kept of "Y" locations of all new work constructed.

Sidewalks.—Plans and profiles have been made. Lengths and radii of curbing computed, work measured and schedules of assessments made.

Assessment Plans.—New buildings have been plotted. Common and private sewers have been added and sewer assessments data recorded on plans.

Street Numbering.—All new houses have been located and numbered. Numbers have been furnished and put on 107 buildings.

CLASSIFICATION OF EXPENDITURES

Highways. —Comprising plans, estimates, titles, profiles, lines and grades, and all other engineering work relating to the Department.....	\$1,015.00
Continuous Walks.	1,362.00
Sewers. —Comprising surveys, estimates, profiles, lines and grades, plans and assessments, and all other engineering work relating to sewers.....	1,410.00
Surface Drainage. —Comprising lines, grades, surveys and plans of all surface drainage work.....	529.00
Water Works. —Comprising lines, locations of mains, plotting new mains, etc., on City water map.....	320.00
Street Numbering. —Location of buildings, numbering plans, and affixing street numbers on houses.....	61.00

Street Signs.....	23.00
Street Lines and Grades for Abutters.—Street lines and grades have been given for 64 abutters.....	459.00
Assessment Plans.....	112.00
Office Work.—Records of locations, indexing, calculating and general draughting	892.00
Miscellaneous	317.00
	\$6,500.00

In conclusion I desire to express my appreciation to His Honor, the Mayor, the Board of Aldermen, and the City Officials, for courtesies extended, and the employees of this Department for their co-operation.

Respectfully submitted,

GEORGE O. W. SERVIS,
Engr. and Supt. Public Works.

MELROSE, MIDDLESEX COUNTY, MASSACHUSETTS

Location, 7 miles north of Boston.

Population, April 1, 1922.....	18,964
Number of Voters.....	8,180
Greatest extent of city north and south.....	2.44 miles
Greatest extent of city east and west.....	2.95 miles
Valuation of real estate.....	\$20,486,550
Valuation of personal property.....	2,617,950
Tax rate per thousand.....	32.60
Area of City.....	3,115.00 acres
Land	3,079.50 acres
Water	35.50 acres
Length of Public Streets.....	49.67 miles
Length of Private Streets.....	15.13 miles
Total length of water mains.....	56.97 miles
Total length of sewers.....	43.18 miles
Range of pressure on mains from 100 to 23 lbs.	
Number of 250 candlepower incandescent lights.....	50
Number of 60 candlepower incandescent lights.....	816
Number of luminous arcs, all night.....	47
to midnight	23
	70

Areas of Parks:

Lincoln School Playground.....	1.60 acres
Horace Mann Playground.....	.60 acres
Messenger's Meadow Playground.....	2.89 acres
Melrose Common	4.4 acres
Sewall Woods Park.....	9.0 acres
Ell Pond Park.....	30.41 acres
Pine Banks Park.....	81.8 acres
Middlesex Fells	170.0 acres
Area of Wyoming Cemetery.....	43.5 acres
Bowden Park	.62 acres
Elevation Main Street at City Hall.....	61 feet above mean low tide
Elevation Franklin Square.....	85 feet above mean low tide

Report of the Board of Health

MAYOR

Honorable Angier L. Goodwin

Board of Aldermen,

COMMITTEE ON EDUCATION, HEALTH AND CHARITY

Walter A. T. Norris, Chairman

Lorin A. Presby

George H. Jackman

Arthur L. Marr

Charles B. Camerlin

Willis A. Smith

Jesse H. Holt

MEMBERS OF THE BOARD OF HEALTH

Dr. Clarence P. Holden	. . .	9 Winthrop Street
William A. Tomer	. . .	51 First Street
Melvin A. Walter	. . .	39 Cleveland Street

OTHER OFFICERS

Mrs. Lillian H. Willey, Clerk.

Andrew J. Burnett, Plumbing and Sanitary Inspector.

C. H. Playdon, M. D. V., Inspector of Animals and Slaughtering.

Kenneth B. Hadley, Inspector of Food Products.

Henry E. Berger, Jr., Inspector of Milk.

Dr. Edward L. Marr, Dr. Elizabeth Hirst, Dr. Melvin S. McLeod,

Dr. J. H. Fay, Medical Inspectors of Schools.

Mrs. Myrtle S. Meriam, Public Health Nurse.

To the Honorable Mayor and Board of Aldermen, City of Melrose:—

Gentlemen:—The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1922.

The membership is as follows, to wit,—Clarence P. Holden, M. D. William A. Tomer and Melvin A. Walter.

General Health.—The general health of the city during the year was very good, there being 229 deaths as against 207 of the previous year, which was a very low number.

Diphtheria.—There were 17 cases of diphtheria, with 1 death.

Scarlet Fever.—There were 81 cases of Scarlet Fever, most of them of a mild type, beginning about the time of the opening of the schools and continuing during the balance of the year. No deaths.

Typhoid Fever.—There were 5 cases of Typhoid Fever reported, with 1 death, that of a non-resident brought to the Melrose Hospital.

Influenza and Pneumonia.—There were 39 cases of Influenza and Pneumonia, with 11 deaths.

Tuberculosis. —Cases on the list Dec. 31, 1921	33
New cases reported in 1922	15
New cases reported by death only	2
New cases reported by removals to Melrose from other places	4
From arrested list	1
Total	55
Disposition:	
To the arrested list	2
Removals	4
Deaths from Tuberculosis	10
Cases not found	4
Cases in hospitals during year	10
Expenditures in 1922	\$1,091.44

Summer Health and Play School.—The work of the Summer Health and Play School was carried on again for six weeks during July and August with an additional number of children. A more comprehensive report will be found in the report of the Public Health Nurse.

Bacteriology.—The bacteriological examination of milk is done by the Inspector of Milk, whose report follows. Other bacteriological work is sent to the laboratories of the State Department of Health.

Vaccination.—97 vaccinations have been performed at this office and 129 certificates issued.

Work Certificates.—Health certificates to work were given to 37 children.

MEDICAL INSPECTION OF SCHOOLS

Medical inspection of the schools was inaugurated for the better control of contagious diseases in the schools; this is still an important part of the work, as an instance of this, four walking cases of Scarlet Fever were discovered in one school building during the fall term of school.

A still more important feature of medical inspection includes the physical examination of school children to discover defects which may be remedied, and a general supervision of the child's physical condition during school life.

The supervision of athletics and sports by the physical director, supervision of sports and games in the parks and playgrounds, the vacation school of the Baptist Church, the Summer Health and Play School should all be recognized as an important part of education.

GARBAGE

The Board earnestly renews its recommendation of two years ago, that the contract system for the collection of garbage be abandoned.

BARBER SHOPS

The barber shops have been inspected, and are rated from a sanitary viewpoint as good, fair and unclean—7 are rated good, 2 are rated fair, none are rated unclean.

DAIRY INSPECTION

All nearby dairies were inspected, also a large number of dairies in New Hampshire which form a part of our milk supply; 22 were rated good, 21 were rated fair, none were rated unclean. 101 milk and oleo licenses were issued. For details as to the milk supply in Melrose you are referred to the report of the Milk Inspector which follows:

BAKERY REGISTRATION AND INSPECTION

Inspection of bakeries is now required by law. Changes recommended were all complied with, and in a general way conditions are much improved.

NUISANCES

Following is a list of the nuisances abated by order of the Board of Health or its agent during the year and in parallel column, nuisances abated during the previous year.

	1921	1922
Privy nuisance	1	0
Cesspool nuisance	3	3
Premises connected with sewer by order of Board	1	0

Hen nuisance	1	4
Dumping nuisance	6	2
Unclean premises	7	4
Pig nuisance	2	2
Stagnant water	4	0
Defective plumbing	0	2
Defective drainage	4	1
Exposed or offensive garbage	1	5
No water or defective supply	1	0
Other nuisances	3	12
Complaints investigated and no cause for complaint	11	2
Dead animals buried	69	69

UNDERTAKERS

The following named undertakers have been licensed: Henry W. Clark, Albert J. Walton, Fred T. Churchill, John W. Gately, Harry F. Ferguson, F. Sears Stetson and Frank H. Whitney.

BOARDING HOUSES FOR INFANTS

The Board has approved the applications of the following named persons to maintain boarding houses for infants: Mrs. Harry E. Silver, Mrs. Nellie Crosby, Mrs. Lula S. Lewis, Mrs. Marie Mitchell, Mrs. Mary C. Hanson, Mrs. Helen C. Loeser, Mrs. Jane A. Dieter and Mrs. E. May Roberts.

Table I
FINANCIAL STATEMENT

	1921	1921 Totals	1922	1922
Total Appropriations		\$14,240.00		\$14,860.00
EXPENDITURES				
General Administration.....		1,849.46		\$1,864.07
Salary of Board.....	\$870.00		\$870.00	
Salary of Clerk.....	758.00		758.00	
Telephone	62.51		74.73	
Stationery and Postage....	28.26		33.85	
Transportation and use of car	92.00		90.00	
Sundries	38.69		37.49	
Other Expenses		1,685.99		1,675.61
Plumbing Inspection.....	850.00		850.00	
Vacation Plumbing Inspector	25.00		25.00	
Sanitary Inspection.....	250.00		250.00	
Burial of Dead Animals....	77.25		77.25	
Dumps and Dump Signs....	24.42		28.77	
Medicine	15.14		22.16	
Office Supplies.....	26.56		23.98	
Transportation and Use of Car	102.42		98.77	
Advs. and Reports.....	62.25		82.30	
Inspection of Slaughtering and Food	92.00		118.00	
Inspection of Household Garbage			14.00	
Storage	123.00			
Sundries	32.95		85.38	
Quarantine and Contagious Dis- ease Hospital		1,585.43		2 442.50
Maintenance of patients at Hospitals	1,203.00		1,941.50	
Reimbursement of Other Cities	292.43		404.00	
Transportation and Use of Car	90.00		92.00	
Outside Aid.....			5.00	
Inspection		1,850.00		1,850.00
Inspection of School Children	450.00		450.00	
Inspection of Milk.....	100.00		100.00	
Inspection of Animals and Slaughtering	200.00		200.00	
Public Health Nurse.....	700.00		700.00	
Milk Analyses	400.00		400.00	
Refuse and Garbage Dis- posal		5,760.00		5,760.00
Tuberculosis		767.78		1,091.44
Outside Aid.....	37.03		362.00	
Board and Supplies in Hos- pitals	625.00		632.04	
Sputum Cups and Medi- cine	15.75		7.40	
Transportation and Use of Car	90.00		90.00	
Total Expenditures		\$13,498.66		\$14,683.62
Revenues of Board of Health		\$507.64		\$561.04
Licenses	\$58.00		\$55.50	
Reimbursements	449.64		505.54	

Table II

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere, or were contracted outside of the city; also all deaths of Merose cases dying in hospitals out of town.

Months	Diphtheria				Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis				Totals	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Meningeal		Other Forms			
																			Cases	Deaths	Cases	Deaths		Cases
January	6	1	4	..	..	25	..	..	..	..	..	..	..	..	..	..	..	1	1	1	..	41	12	
February	1	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	11	9	
March	4	..	11	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	18	0	
April	1	..	6	..	..	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	32	1	
May	2	..	4	..	..	76	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	84	1	
June	..	..	..	..	..	41	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45	1	
July	..	..	2	1	2	1	..	..	1	2	..	..	..	..	1	..	..	1	1	..	..	7	0	
August	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	9	0	
September	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	13	1	
October	..	..	11	..	..	2	..	..	3	3	..	..	..	..	..	..	..	..	..	..	1	25	1	
November	..	..	15	..	2	..	..	2	..	2	..	..	..	..	..	..	..	..	..	..	..	23	0	
December	..	..	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45	12	
Totals	17	1	81	0	5	167	0	18	0	0	0	0	0	0	1	0	19	8	3	1	6	1	317	12

Table III

CASES AND DEATHS OF CERTAIN DISEASES FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying out of town.

Years	Diphtheria		Scarlet		Typhoid		Fever		Measles		Whooping		Smallpox		Ophthalmia		Neonatorum		Polymyelitis		Tuberculosis				Other		Deaths	
																					Pulmonary		Meningeal		Cases		Deaths	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1913.....	17	2	71	3	7	2	46	..	..	1	31	1	..	..	7	..	..	..	4	3	26	13	1	1	2	1	1	1
1914.....	86	3	69	1	5	2	29	..	1	..	16	..	..	..	6	..	..	..	1	..	15	11	1	3	1	1	1	1
1915.....	41	1	62	2	15	..	476	..	..	..	..	..	..	..	12	..	..	2	..	..	15	13	1	1	1	1	1	1
1916.....	14	1	11	1	14	1	11	..	..	4	107	..	..	..	3	..	..	..	17	3	22	12	..	..	1	1	1	1
1917.....	85	4	42	..	3	1	290	..	2	..	6	..	..	..	16	..	..	..	..	..	18	10	..	..	1	1	1	1
1918.....	24	2	20	1	3	3	50	..	..	2	10	..	..	..	8	..	..	..	..	..	23	10	..	..	1	1	1	1
1919.....	13	3	48	3	3	..	11	..	..	..	65	..	..	..	16	..	..	1	..	..	13	9	..	..	1	1	1	1
1920.....	32	2	42	..	4	..	367	..	1	1	34	1	..	..	1	..	..	4	..	..	12	9	..	..	2	2	3	3
1921.....	69	3	43	..	6	1	29	..	..	..	1	..	..	..	4	..	..	3	..	..	19	13	..	..	3	1	1	1
1922.....	17	1	81	0	5	1	167	0	0	0	18	0	0	0	0	0	0	1	0	0	19	8	3	..	3	6	1	1

Table IV

INFANT MORTALITY
(Not including stillbirths)

AGES

YEAR 1922	Total under 1 yr.	Under 1 day	1-2 days	2-3 days	3 days to 1 week	1-2 weeks	2-3 weeks	3 weeks to 1 mo.	1-2 mos.	2-3 mos.	3-6 mos.	6-9 mos.	9-12 mos.
January	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
February	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
March	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
May	2	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
June	3	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
July	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
August	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
September	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
October	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
November	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Male	10	3	3	.....	1	1	.....	1	.....	1	.....	.....	1
Female	6	1	2	.....	1	1	.....	.....	.....	1	.....	.....	0
White	16	4	5	.....	2	2	.....	.....	.....	2	.....	.....	1
Colored	0	0	0	.....	0	0	.....	.....	.....	0	.....	.....	0

INFANT MORTALITY

[illegible]

Table VI

[illegible]

Table XIII

Deaths Classified by sex, by age, and by cause, exclusive of stillbirths

[illegible]

DEATHS CLASSIFIED—Continued

[illegible]

VIII.—Diseases of the Skin and the Cellular Tissue.....	{ M 1 F 0
Gangrene	{ M 1 F ...
IX.—Diseases of the Bones and of the Organs of Locomotion..	{ M 1 F 1
Diseases of the bones (tuber- culosis excepted)	{ M 1 F 1
X.—Malformations	{ M 1 F 1
Congenital Malformations (still- births not included)	{ M 1 F 1
XI.—Early Infancy.....	{ M 7 F 4
Premature birth (not stillborn)	{ M 2 F 2
Congenital debility.....	{ M 2 F 2
Injuries at birth (not stillborn)	{ M 1 F ...
Other causes peculiar to early infancy	{ M 2 F ...
XII.—Old Age.....	{ M 1 F 3
Senility	{ M 1 F 3
XIII.—External Causes.....	{ M 1 F 4
Absorption of deleterious gases (conflagration excepted)	{ M ... F 1
Traumatism by fall.....	{ M ... F 3
Traumatism by other crushing (ve- hicles, railways, landslides, etc.)	{ M 1 F ...

Table VII
INFANT MORTALITY

Year	Births	Deaths of Children under 1 Year	Rate of Mortality of Children under 1 year per 1,000 of Children Born
1916	384	22	56.70
1917	339	23	67.84
1918	430	28	65.11
1919	405	21	51.85
1920	390	22	56.41
1921	465	21	52.76
1922	364	16	43.96

There were 8 stillbirths during the year 1922.

Table VIII
ESTIMATED POPULATION APRIL 1, 1922—18,964

	1917	1918	1919	1920	1921	1922
Apparent death rate per 1,000 population.....	15.35	16.00	11.88	12.82	11.67	12.07
Corrected death rate per 1,000 population	15.29	17.00	12.05	12.46	12.43	11.71

NOTE.—The corrected death rate is found by eliminating the records of all non-residents dying in Melrose and adding the records of all Melrose residents dying elsewhere, as shown by the records of the City Clerk.

Respectfully submitted,

CLARENCE P. HOLDEN,

WILLIAM A. TOMER,

MELVIN A. WALTER,

Board of Health.

Report of Inspector of Plumbing

Number of applications received	335
Number of permits granted	325
Number of sinks installed	219
Number of wash trays installed	164
Number of water closets installed	273
Number of bath tubs installed	222
Number of wash bowls installed	246
Number of traps replaced	70
Number of urinals installed	6
Number of shower baths installed	2
Number of floor drains installed	1
Number of lead bends replaced	6
Number of pressure boilers installed	112
Number of slop-sinks installed	2
Number of refrigerators connected	5
Number of soda fountain connections	1
Number of dental chairs connected	2
Number of gasoline catch basins installed	1
Number of soil and vent pipes renewed	4
Number of new buildings connected with sewer	60
Number of old buildings connected with sewer	17
Number of new buildings connected with cesspools	21
Number of old buildings connected with cesspools	3

Respectfully submitted,

(Signed) ANDREW J. BURNETT,
Plumbing Inspector.

Report of Inspector of Animals

To the Board of Health,
City of Melrose.

Gentlemen:—I wish at this time to submit my report as Inspector of Animals for the year ending December 31, 1922. During the early part of 1922 an inspection of all premises where cattle, sheep, swine, etc., were kept, was made. Number of cattle examined 325, number of hogs examined 130. Where conditions were noted unsatisfactory, suggestions were made for betterment, and on a subsequent visit these suggestions, in most cases, were found to have been carried out. If animals were found showing evidence of contagious or infectious disease, they were removed and the premises properly disinfected.

The dairies within the city limits are above the average of those supplying milk to many larger cities. They have well-kept and clean cattle; well fed and cared for by clean attendants. The milk is handled by modern methods in clean containers and should compare favorably with the best.

I regret to state that Rabies has taken toll of many valuable dogs in the city this year, due to its widespread prevalence throughout the state. It is remarkable that so little damage to individuals has resulted as all dogs which proved positive upon laboratory examinations were household pets. If dog owners would read the reverse side of their dog licenses for symptoms of Rabies, and confine dogs showing these symptoms, much trouble and damage would be avoided.

During the year, 10 cases were reported positive. I would rather investigate twenty cases that proved healthy than have one rabid dog run at large.

Yours in respect,

(Signed) CALVERT H. PLAYDON, M.D.V.,

Inspector of Animals.

Report of Inspector of Milk

Melrose Board of Health,

Gentlemen:—My report as Milk Inspector for the year 1922 is hereby submitted.

During the year 279 samples of milk were analyzed bacteriologically and chemically. The results, on the whole, are very good. With the exception of one dealer, the average of the chemical analyses are well above the standard set by the State laws. The cleanliness and freshness of the product supplied is indicated by the generally low bacterial counts. In Table No. 1 the results of these analyses are set forth in a way which shows at a glance the standing of each dealer. The dealers names are arranged alphabetically, and in the order of their excellence.

Table No. 2 shows the percentage of samples which fell within certain limits.

Respectfully submitted,

(Signed) H. E. BERGER, JR.,

Milk Inspector.

Table No. I

MEDIAN NUMBER OF BACTERIA PER C. C. FOR EACH DEALER AND CHEMICAL ANALYSIS (Average) 1922

DEALER	Median Number of Bacteria Per C. C.	No. of Samples	Per Cent Fat	Per Cent Solids
Antunes, G. E.....	30,000	12	3.6	12.35
Bloss, W. C.....	35,000	12	3.4	11.82
Bucci, A.	17,000	12	3.65	12.45
Economy Grocery.....	28,000	3	4.0	12.83
Forbes Bros.....	22,500	24	3.7	12.37
Goldsmith, G. B.....	19,000	12	3.5	12.23
Hood, H. P. & Sons.....	18,000	23	3.7	12.38
Howard, Mrs. E. J.....	15,500	12	4.95	13.95
Kiley, R. J.....	23,000	12	3.6	12.26
Lane, Frank.....	3,000	12	4.4	13.50
Lord, C. G.....	45,500	12	3.7	12.45
Manning, J. S.....	18,000	12	4.05	12.91
Mann, T. J. & Son.....	33,500	12	3.65	12.46
Penney, H. J.....	62,000	12	3.8	12.35
Quinn, M. J.....	25,500	12	3.65	12.50
Roulston, R.....	14,000	12	3.75	12.59
Ruggles, C. E.....	12,500	3	5.0	14.35
Sartori, C.....	15,500	3	4.15	13.12
Spear, C. W.....	29,500	12	3.65	12.39
Spratt, Mrs. Abbie.....	26,000	12	4.4	13.13
Tallon, Mrs. C. F.....	11,500	11	4.2	13.10
Turner Centre.....	25,000	12	3.95	12.80
White, James.....	30,000	5	4.2	13.03
Whiting Milk Co.....	21,000	12	3.7	12.42
Williams, M. G.....	21,000	3	3.55	12.42

* Median—the middle term selected after the counts have been arranged in the order of their magnitude.

Table II
PERCENTAGE OF SAMPLES WITHIN CERTAIN LIMITS

DEALER	Excellent under 10,000 Per C. C.	Very good 10,000 to 20,000 Per C. C.	Good 20,000 to 50,000 Per C. C.	Fair 50,000 to 100,000 Per C. C.	Poor 100,000 to 300,000 Per C. C.
Antunes, G. E.....	.....	33.33	58.33	.....	8.33
Bloss, W. C.....	.....	16.66	41.66	41.66	.....
Bucci, W.	16.66	33.33	50.00	.....	.....
Economy Grocery.....	33.33	.....	33.33	33.33	.....
Forbes Bros.....	20.60	12.36	37.08	28.84	.....
Goldsmith, G. B.....	16.66	33.33	16.66	33.33	.....
Hood, H. P. & Sons.....	25.98	25.98	30.31	17.32	.....
Howard, Mrs. E. J.....	25.00	50.00	25.00	.....	.....
Kiley, R. J.....	16.66	16.66	66.66	.....	.....
Laue, Frank.....	75.00	8.33	16.66	.....	.....
Lord, C. G.....	8.33	.....	50.00	41.66	.....
Manning, J. S.....	33.33	25.00	41.66	.....	.....
Munn, T. J. & Son.....	16.66	8.33	66.66	8.33	.....
Penney, H. J.....	.....	.....	41.66	58.33	.....
Quinn, M. J.....	16.66	16.66	50.00	8.33	8.33
Roulston, R.....	8.33	50.00	25.00	16.66	.....
Ruggles, C. E.....	33.33	66.66	.....	.....	.....
Sartori, C.....	33.33	33.33	.....	33.33	.....
Spear, C. W.....	16.66	8.33	41.66	33.33	.....
Spratt, Mrs. A.....	8.33	8.33	8.33	16.66	8.33
Tallon, Mrs. C.....	27.27	27.27	27.27	18.18	.....
Turner Centre.....	33.33	8.33	16.66	33.38	8.33
White, James.....	40.00	60.00	.....	.....	.....
Whiting Milk Co.....	16.66	25.00	58.33	.....	.....
Williams, M. G.....	33.33	.....	66.66	.....	.....

Report of Public Health Nursing Service

INFANT WELFARE

The Infant Welfare work has been carried on as in previous years. An effort has been made to visit at least once, every baby born in Melrose, regardless of its need. Follow up calls are made especially where the nurse feels that she can be of assistance to the mother. Help and instruction is given in the care of the baby, also in preparing food; cases of infected eyes usually require several calls.

Clothing has been given the mothers for the babies, where needed, and was much appreciated. Booklets on care of infants and diet lists are distributed free of charge. The Welfare and School work is so closely allied that at some time during the year the nurse has an opportunity to get in touch with most of the mothers and transmit helpful advice and suggestions.

SCHOOL NURSING

The work in the schools was performed, as formerly, under the supervision of the Board of Health and with the coöperation of the School Department. Each school is visited twice a week, classroom inspection and examination of pupils carried on. Children requiring a diagnosis are referred to the school physician or sent to the office of the Board of Health. Children who have a regular family physician are requested to consult the same, and those absent from school on account of illness are visited in the homes, unless it is known that they are getting medical attention. In the past year there has been a marked decrease in the contagious skin diseases, and very few pupils have had to be excluded. Examinations show marked improvement in the care of the teeth. This is somewhat due to the frequent reminding of the children at the regular examinations of the necessity for dental work, and also through the splendid services provided by the Page Dental Clinic at the Melrose Hospital. With the written consent of the parent, ether is administered for painful extractions.

In closing I wish to acknowledge my appreciation for the hearty coöperation I have met in the performance of my duties.

SUMMER HEALTH AND PLAY SCHOOL

The third season of the Summer Health and Play School was held during the summer of 1922 for a period of six weeks. Fortunately the School Board again generously permitted the use of the High School lunchroom for preparing and serving the meals, a room in the Sewall School, and the playground. This location has many advantages, being accessible for children from all localities, conspicuously situated,

with plenty of shade for rest and ample space for play. The central location gives the public an opportunity to become acquainted with the work that is being done. Prominent citizens and representatives from the various organizations who so generously supported the school, visited from time to time, and with their hearty interest and approval, encouraged the workers to greater enthusiasm. This year a public-spirited citizen gave the school a generous amount to purchase games and play apparatus, for which we are truly very grateful.

The general routine of the school was much the same as in previous years. An effort has been made each summer to select children who have been exposed to tuberculous infection and those who are under par, anemic, badly nourished and underweight. Many lack the proper food and care at home, as the mothers work through the day. The school opened July 5th with an enrollment of 57 pupils, 34 girls and 23 boys, ranging in age from six to twelve years. They came from all parts of the city, and represented all our local nationalities.

All the children were examined upon entrance and at the time of discharge, and all of them were under thorough nursing supervision and inspection daily. A careful outlook was kept for the epidemic diseases and every effort was made to teach cleanliness, hygiene and satisfactory food habits. Each child was weighed and measured upon entrance and weekly thereafter. A chart was kept and the gain noted with interest both by teachers and pupils, and on closing a letter was sent to the parents stating the child's improvement and urging that the work be continued at home.

The attendance was remarkable, the teachers insisting upon this. Only one-half day was lost on account of rain. School assembled at nine o'clock and the program for the day opened in the usual way, after which came games, reading, story-telling, sewing, etc. A lunch of milk and cookies was provided at ten o'clock, a hot dinner at twelve, and milk again at three, after which the children were dismissed for the day. After the noon-day meal a rest hour followed, cots being set up out-of-doors in the shade, and each child being given a blanket if needed. This is considered a vital part of the health program, as most children do not get enough rest through the day. The habit of sleep was readily acquired, however. The boys and girls were taught to wash before meals and clean their teeth afterwards, toothbrushes being provided free of charge.

The weekly menu varied little, with the exception of an occasional treat of ice cream. The largest gain in weight was five pounds, all of the children making some gain, however.

Respectfully submitted,

MYRTLE S. MERIAM, R. N.,

Public Health Nurse.

Report of City Physician

To the Honorable Mayor and Board of Aldermen:

Visits made for the Charity Department:

To patients in their homes.....	113
Office Calls	96

Visits made for the Health Department:

To patients in their homes	77
To patients in the hospital	7
Visits of inspection and consultation	135
Office treatment for pupils of the public schools	37
Visits for the Police Department	4
Vaccinations	97

Respectfully submitted,

(Signed) CLARENCE P. HOLDEN,
City Physician.

Report of Sinking Fund Commission

Melrose, Mass., April 10, 1923.

The Honorable, The Board of Aldermen,
Melrose, Mass.

Gentlemen:—

We submit herewith our report of the Sinking Funds for the financial year ending December 31, 1922.

During the past year the city has lost a very valuable member of the Board in the death of Everett L. Fuller, who has been a faithful and helpful member since January 1909.

His advice and counsel contributed largely to the excellent conditions of the Sinking Funds at the present time.

Yours respectfully,

EDWARD J. KITCHING,
FRANKLIN P. SHUMWAY,
M. G. COCHRANE,
Sinking Fund Commissioners,

January 17, 1923.

I hereby certify that the balance standing to the credit of the Sinking Fund, Special Account, at the close of business December 30, 1922, was \$5,512.33.

ARMOUR W. CLARK,
Treasurer.

January 17, 1923.

I hereby certify that the balance standing to the credit of the Sinking Fund Commissioners, City of Melrose, at the close of business December 30, 1922, was \$34.73.

ARMOUR W. CLARK,
Treasurer.

Cash Balances Dec. 31, 1922:

Water Fund	\$685.13	
Sewer Fund	3,700.06	
School Fund	465.45	
Surface Drainage Fund	696.42	
	\$5,547.06	\$5,547.06

Balances in Melrose Trust Co., Dec. 31, 1922:

(See Certificates of Treasurer)

Regular Account	\$34.73	
Special Account	5,512.33	
	\$5,547.06	\$5,547.06

Melrose, Mass., December 31, 1922.

William R. Lavender, City Treasurer.

In account with Water Loan Sinking Fund.

Dr.

Balance, Cash in Bank January 1, 1922	\$39.91
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Receipts

Interest	\$107.36	
Coupons	1,470.00	
Registered Interest	404.12	
Interest on Bank Deposits	51.14	\$2,032.62
Bonds sold		8,615.00
		\$10,687.53

Cr.

Payments

Bonds Bought:

City of Melrose to pay Maturing Bonds..	\$10,000.00
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Expenses:

Melrose Trust Co., part of rent Safe Deposit Box	3.00	\$10,003.00
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Balance, on deposit Melrose Trust Company	\$685.13
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City Treasurer.

LIST OF SECURITIES OWNED BY WATER LOAN SINKING FUND

December 31, 1922

34 Melrose Water Bonds, 4%, July 1, 1925, Nos. 400, 403-408, 410-426, 428-437	\$34,000.00
1 Bath, Maine, Bond, 4%, July 1, 1927, No. 14	500.00
2 Boston & Maine R. R. Bonds, 4½%, April 1, 1929, Nos. 5165-5170	2,000.00
Part 3d Liberty Bond, 4¼%, Sept. 15, 1928, Registered..	4,200.00
1 Victory Bond, 4¾%, May 20, 1923	1,000.00
Cash in Melrose Trust Co.	685.13
	\$42,385.13

WATER LOAN SINKING FUND, DEC. 31, 1922

Proof of Securities

List of Securities January 1, 1922		\$50,239.91
Cash Received:		
Earnings for year	\$2,032.62	
Gain on bonds sold	115.60	2,148.22
		\$52,388.13
Less Cash Paid		10,003.00
		\$42,385.13

Melrose, Mass., December 31, 1922.

William R. Lavender, City Treasurer,

In account with Sewer Loan Sinking Fund.

Dr.

Balance, Cash in Bank, Jan. 1, 1922	\$169.08
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Receipts

Interest:

Coupons	\$8,637.46	
Interest	13.91	
Registered	3,102.39	
On Bank Deposits	73.63	
Bonds sold	1,500.00	13,327.39
		\$13,496.47

Cr.

Payments

Bonds Bought	\$9,652.00	
Interest paid on Bonds bought	132.41	
Expense:		
Melrose Trust Co., part rent Safe Deposit		
Deposit Box	12.00	9,796.41
Balance on deposit Melrose Trust Company,		
Dec. 31, 1922		\$3,700.06

LIST OF SECURITIES OWNED BY SEWER LOAN SINKING FUND

December 31, 1922

14 Melrose Sewer Bonds, 4%, June 1, 1924, Nos. 1-3, 10, 76-77, 81-85, 88, 90, 97	\$14,000.00
52 Melrose Sewer Bonds, 4%, June 1, 1925, 101-145, 154-160	52,000.00
8 Melrose Sewer Bonds, 4%, July 1, 1926, 208, 244-246, 242, 220, 248, 249	8,000.00
10 Melrose Sewer Bonds, 4%, July 1, 1935, 351-360	10,000.00
10 Melrose Sewer Bonds, 4%, June 1, 1937, 361-370	10,000.00
10 Melrose Sewer Bonds, 4%, July 1, 1937, 371-380	10,000.00
61 Melrose Surface Drainage Bonds, 4%, July 15, 1932 4-60, 76-79	61,000.00
6 Wakefield, Mass., Bonds, 3½%, Nov. 1, 1925, 90-95 ..	6,000.00
10 Town of Clinton Bonds, 3½%, July 1, 1930, 132-141 ..	10,000.00
1 Los Angeles, Cal., Bond, 4½%, June 1, 1932, 1518	1,000.00
1 Los Angeles, Cal., Bond, 4½%, June 1, 1942, 2511	1,000.00
1 Akron, Ohio, Bond, 5½%, April 1, 1926, Registered...	1,000.00
3 Chicago, Burl. & Quincy R. R. Bonds, 3½%, July 1, 1949, 7895-7897	3,600.00
8 Boston & Maine R. R. Bonds, 4½%, April 1, 1929, 5166-5169, 5171-5174	8,000.00
15 Fitchburg R. R. Bonds, 4½%, May 1, 1928, 2367-2373, 3468-3489, 3341-3345, 3353	15,000.00
3 Conn. R. R. Bonds, 3½%, Jan. 1, 1923, 841-843	3,000.00
3 Boston & Albany R. R. Bonds, 4%, May 1, 1933, 2492-2494	3,000.00
2 Boston Elevated R. R. Bonds, 4½%, Oct. 1, 1937, 100-101, Registered	2,000.00
1 Boston Elevated R. R. Bond, 4½%, Nov. 1, 1941, Registered, 39	5,000.00

1 Boston Elevated R. R. Bond, 4½%, Nov. 1, 1941, Registered, 35	1,000.00
Part 2nd, Convert. Liberty Bond, 4¼%, Nov. 15, 1942, Registered	10,000.00
Part 3rd Liberty Bond, 4¼%, Sept. 15, 1928, Registered	32,100.00
Part 4th Liberty Bond, 4¼%, Oct. 15, 1938, Registered	10,500.00
Part 4th Liberty Bond, 4¼%, Oct. 15, 1938, Registered	8,500.00
5 U. S. Victory Bond, 4¾%, May 20, 1923, 129370- 129373, 1000704	5,000.00
Cash in Melrose Trust Company	3,700.06
	\$293,800.06

SEWER LOAN SINKING FUND, DEC. 31, 1922

Proof of Securities

List of Securities, January 1, 1922	\$282,269.08
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Receipts

Interest	\$13.91	
Coupons	8,637.46	
Registered Interest	3,102.39	
On Bank Deposits	73.63	11,827.39
		\$294,096.47

Payments

Expense:

Melrose Trust Co., part rent for Safe		
Deposit Box	\$12.00	
Interest paid on Bonds bought	132.41	
Loss on Bonds bought at premium	152.00	296.41

Securities and Cash in Fund as per list attached	\$293,800.06
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Melrose, Mass., December 31, 1922.

William R. Lavender, City Treasurer,

In account with Surface Drainage Loan Sinking Fund.

Dr.

Balance, Cash in Bank January 1, 1922	\$142.61
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Receipts

Interest:

Coupons	\$1,742.50	
Registered Interest	852.26	
On Bank Deposits	32.36	2,627.12
		\$2,769.73

Cr.

Payments

Bonds bought	\$2,036.40	
Interest paid on Bonds bought	33.91	
Expense:		
Melrose Trust Co., part rent for Safe		
Deposit Box	3.00	2,073.31
Balance in Melrose Trust Company		\$696.42

LIST OF SECURITIES OWNED BY SURFACE DRAINAGE LOAN SINKING FUND

December 31, 1922

39 Melrose Surface Drainage Bonds, 4%, Jan. 15, 1932, 1-3, 61-75, 80-100	\$39,000.00
1 Wakefield Bond, 3½%, Nov. 1, 1926, 97	1,000.00
1 Wakefield Bond, 3½%, Nov. 1, 1926, 96	1,000.00
1 Akron, Ohio, Bond, 5½%, Apr. 1, 1926, Registered ..	1,000.00
2 Fitchburg R. R. Bonds, 4½%, May 1, 1928, 2394, 3854	2,000.00
1 Boston & Albany R. R. Bonds, 4%, May 1, 1933, 2499	1,000.00
1 Baltimore & Ohio R. R. Bond, 3½%, July 1, 1925, B44, Registered	500.00
3 Boston Elevated R. R. Bonds, 4½%, Nov. 1, 1941, 43-45, Registered	3,000.00
Part 2nd Convert. Liberty Bond, 4¼%, Nov. 15, 1942, Registered	3,000.00
Part 3rd Liberty Bond, 4¼%, Sept. 15, 1928, Registered	11,700.00
2 U. S. Victory Bonds, 4¾%, May 20, 1923, 1000705, 1000706	2,000.00
Cash in Melrose Trust Co., Dec. 31, 1922	696.42
	\$65,896.42

SURFACE DRAINAGE LOAN SINKING FUND, DEC. 31, 1922

Proof of Securities

Amount of Securities January 1, 1922	\$63,342.61
Cash Received	2,627.12
	\$65,969.73

Cash Paid

Expense:

Melrose Trust Co., part rent Safe Deposit	
Box	\$3.00
Interest paid on Bonds bought	33.91
Loss on Bonds bought	36.40
	\$73.31
	\$65,896.42

Melrose, Mass., December 31, 1922.

William R. Lavender, City Treasurer.

In account with School Loan Sinking Fund.

Dr.

Receipts

Balance Cash in Bank.....		\$480.33
Interest:		
Coupons	\$210.00	
Registered	1,321.23	
On Bank Deposits	22.41	1,553.64
		\$2,033.97

Cr.

Payments

Expenses:

Melrose Trust Co., part rent Safe Deposit	
Box	\$2.00
Bonds bought	1,536.40
Interest paid on Bonds bought	30.12
	\$1,568.52
Balance on Deposit Melrose Trust Co.	\$465.45

LIST OF SECURITIES OWNED BY SCHOOL LOAN SINKING FUND

December 31, 1922

1 Melrose Sewer Bond, 4%, July 1, 1926, No. 247	\$1,000.00
4 Boston & Albany R. R. Bonds, 4%, May 1, 1933, No. 2495-2498	4,000.00
5 Portland Terminal R. R. Bonds, 4%, July 1, 1951, M 1-4-7, Registered	5,000.00
2 Baltimore & Ohio R. R. Bonds (Quarterly Int.), 3½%, July 1, 1925, M 531-532, Registered	2,000.00
3 Baltimore & Ohio R. R. Bonds (Quarterly Int.), 3½%, July 1, 1925, B 42-43-49, Registered	1,500.00
1 Boston Elevated R. R. Bond, 4½%, Nov. 1, 1941, 36, Registered	5,000.00
1 Boston Elevated R. R. Bond, 4½%, Nov. 1, 1941, 34, Registered	1,000.00
Part 2nd Convertible Liberty Bond, 4¼%, Nov. 15, 1942, 2419, Registered	2,000.00
Part 3rd Liberty Bond, 4¼%, Sept. 15, 1928, Registered	11,000.00
Part 4th Liberty Bond, 4¼%, Oct. 15, 1938, Registered	4,000.00
1 Boston Elevated R. R. Bond, 4%, May 1, 1935, No. 21	500.00
1 Akron, Ohio, Bond, 5½%, April 1, 1926, Registered..	1,000.00
Cash on deposit in Melrose Trust Co., Dec. 31, 1922 ..	465.45
	\$38,465.45

SCHOOL LOAN SINKING FUND, DEC. 31, 1922

Proof of Securities

Amount of Securities January 1, 1922	\$36,980.33
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Receipts

Interest:

Coupons	\$210.00	
Registered	1,321.23	
On Bank Deposits	22.41	1,553.64
		\$38,533.97

Payments

Expense	\$2.00	
Interest on Bonds bought.....	30.12	
	\$32.12	
Loss on Bonds bought.....	36.40	\$68.52
		\$38,465.45

Report of Planning Board

To the Honorable, the Mayor and Board of Aldermen of the City of Melrose:

The Planning Board submits the following report for the year ending December 31, 1922:

We have held twelve meetings, with an average attendance of six out of the nine members comprising the Board; but one of these nine has been abroad throughout the year and another, by reason of business engagements, has been able to attend only a single meeting.

We have considered the establishment of set-back lines along Main Street through its business section; acquisition of land for parking space back of the City Hall and Memorial Building; improvement of the northerly side of Sylvan Street, between Main Street and Lebanon Street; establishing one or more municipal forests; the problem of eliminating "shacks" and the remodeling of City Hall.

We have communicated with certain influential citizens of Saugus with a view to co-operation in preventing "shacks" near the Melrose-Saugus line on Upham Street.

We have considered the abolition of duplication in the names of streets, courts and places, and have submitted to the Mayor and Aldermen a report thereon which is hereto appended. In this connection we have considered street names for future adoption with a view to perpetuating the names both of former mayors of the City and of persons who have been intimately connected with its history, and also names designed to remind us of significant events in our country's history. We have submitted to the Mayor and Aldermen a list of such names, which list is hereto appended.

The greater portion of our time has been given to the difficult task of framing a zoning ordinance and to preparing a map showing the zone-districts to be established by such ordinance. As incidental to this, on May 10 five out of the nine members of our Board joined in a tour of the City. We have already submitted to the Mayor and Aldermen a proposed zoning ordinance, a copy of which is hereto appended; and we herewith submit a map to accompany the same. This map is in four colors and we desired to have it printed and bound with this report. We believe that would have been of assistance to the special committee on zoning, to the Board of Aldermen and to citizens interested in zoning our city; but the Board of Aldermen has not seen fit to allow us the \$130.00 recommended by the Mayor, which it would cost to print this map, and it is therefore necessarily omitted from our printed report.

The law requires the City of Melrose to maintain a Planning Board; and requires that Board to make annual reports. The members of our Board feel that so long as they remain members they should endeavor to serve the City according to the spirit of the law. This means that they devote a large amount of time to their board duties. They endeavor to make their recommendations practicable. Would it not be a courtesy to them, and an act of wisdom, if those committees of the Board of Aldermen, to which are referred recommendations of the Planning Board, should invite the Planning Board, or representatives of it, to appear before them prior to passing upon such recommendations?

We repeat last year's report that the point where Lynn Fells Parkway passes under the railroad tracks between Tremont Street and Vinton Street is a point of danger without sufficient marking. We suggest that the danger might be lessened if the Metropolitan District Commission could be prevailed upon to place lights under the railroad tracks at this point.

We have been pleased to see that signboards have been placed near the City line along certain highways, indicating their point of entrance into Melrose. We wish, however, that these signboards might be of a more worthy quality.

We regret that the billboard ordinance which we recommended last year, or a substitute for it has not been enacted by the Board of Aldermen. We wish that billboards might be permitted only for public convenience, not for private profit; but in absence of legal authority to so restrict them we hope for their strict regulation.

We have noticed the marked and increasing congestion of Main Street through its business section, during rush periods; the number of automobiles parked along the sides of this street at such periods indicates that this section of the street will some time have to be widened. We therefore suggest that you consider the practicability of establishing set-back building lines so that present buildings be not increased in height or new buildings erected along this section of Main Street except they be set back a distance sufficient to minimize the inevitably great expense of ultimately widening the street. As a part of the same problem we ask you to consider whether it may not ultimately be more economical for the City to meet the increasing need of parking space along this street by acquiring the land in the rear of the City Hall and Memorial Building for public parking purposes.

We have referred to the improvement of Sylvan Street. We are aware that the Cemetery Trustees wisely proposed that the main entrance to Wyoming Cemetery shall be by the way of Lebanon Street. Yet we feel that with the passage of years persons having to resort

to the cemetery, especially by street-cars, will increasingly approach it from Main Street by the way of Sylvan Street. For this reason we believe that so much of Sylvan Street as lies between Main Street and the westerly line of the cemetery should be made as attractive as possible. Whatever the way of entrance, one who looks north from the cemetery, especially after the leaves have fallen, finds it difficult to reconcile oneself to the unkempt appearance of the hillside which slopes down from Boston Rock on the northerly side of Sylvan Street, or to understand how public-spirited citizens can permit this northern outlook to be disfigured by unsightly buildings and shacks. It would at least seem practicable to acquire enough of the land on this northerly side of Sylvan Street, opposite the cemetery, to establish upon it a screen of trees and shrubbery; and we so recommend. We wish that the City might own this entire hillside and entirely eliminate these buildings and shacks. It is possible to treat so much of this land as lies between the westerly side of Boston Rock and Lebanon Street as district from so much of it as lies between Main Street and the westerly side of Boston Rock; but we have shown on the zoning map submitted herewith a strip one hundred feet wide, extending along the entire northerly side of Sylvan Street from Main Street to Lebanon Street, as to be acquired for park purposes in order to protect and beautify the cemetery and its approaches. Such a strip as we have indicated would remove the present objectionable display of monuments at the corner of Main and Sylvan Streets and tend to increase the value of the land then remaining in that vicinity.

On the zoning map we have also shown two proposed municipal forests, one on the Mount Hood property given to the City under the will of the late John C. F. Slayton and the other to the north of Howard Street. We recommend that the City establish a municipal forest upon the Mount Hood property. This is entirely consistent with its use for park purposes. If other suitable land, adjacent to it or elsewhere, can be obtained by the City at a very low price per acre, we recommend its acquirement for further forest purposes.

We make these forest recommendations in all seriousness. Fitchburg has established municipal forests comprising four parcels with a total area of 109 acres. Walpole has a town forest of 150 acres; Brookline has one of 350 acres; and Petersham one of about 200 acres. Cities and towns of Europe have maintained municipal forests for commercial purposes for several hundred years, and they are profitable. Massachusetts imports about 80 per cent of the wood used by it. It is estimated that within 20 years the bulk of our lumber will have to be brought from the Pacific coast at a cost, for transportation alone, exceeding what it would cost to grow the timber in Massachusetts. The time is certainly coming when America must follow the example of Europe

in this respect. It requires from forty to one hundred years to grow a crop of merchantable timber, depending on the species, and it would seem to be a wise policy to begin now. A municipal forest makes an ideal place for picnics. It may be rented for camping parties. The public domain act, sections 19-24 of Chapter 45 of the General Laws, authorizes the city, by a two-thirds vote of its Board of Aldermen, to take or purchase lands within its limits for forestry purposes. If it sees fit, it may place this land under the supervision of the State Forester. The law makes no restriction as to the price which may be paid for land acquired under this act. In this connection and for a full discussion of the subject we respectfully refer you to Bulletin 132 of the Massachusetts Forestry Association.

We recommend that a zoning ordinance be adopted as soon as possible. We understand that there is now being considered a plan for erecting a large number of three-flat houses on Lebanon Street near the Malden line. It has been the policy of Melrose to discourage three-flat houses. We believe that this policy has been wise, and that the erection of the above-mentioned houses will be not only a detriment to the City but also a financial burden to it. Under a zoning ordinance this might readily be prevented. Springfield and Northampton have so appreciated the immediate necessity of zoning that they have passed temporary zoning ordinances to protect these cities until final ordinances can be determined upon. If Melrose adopts the zoning ordinance submitted herewith it can amend that ordinance as experience may require.

As noted in our financial statement for the year 1921, the bill for printing our last annual report was not received in season to be paid out of the sufficient appropriation for that year, and had to be taken from the \$150.00 appropriated for this current year.

FRANK H. NOYES, Chairman.
ROBERT L. BRIGGS
E. GERTRUDE COPELAND
GEORGE C. GLOVER
ALBERT A. HERSEY
A. S. NOYES
EVA G. OSGOOD
EDWIN E. PRIOR
AGNES L. DODGE, Secretary.

**REPORT AS TO DUPLICATION IN NAMES OF STREETS, COURTS
AND PLACES**

To the Honorable Board of Aldermen of the City of Melrose:

Gentlemen:

Relative to your communication numbered 13,609E, relative to the duplication of names of streets, taken from the last inaugural of His Honor the Mayor, and kindred subjects, the Planning Board reports as follows:

First. We have considered the following names:—

- * 1. Appleton Court.
- 2. Appleton Street
- * 3. Ashland Place.
- 4. Ashland Street.
- * 5. Beacon Place.
- * 6. Beacon Street.
- * 7. Circuit Avenue.
- 8. Circuit Street.
- * 9. Crescent Avenue.
- * 10. Crescent Lodge.
- * 11. Crescent Place.
- 12. Eleventh Street.
- 13. First Street.
- 14. Florence Avenue (accepted only from Grove St. to Rogers St.)
- 15. Florence Street.
- * 16. Glen Avenue.
- * 17. Glen Road.
- * 18. Glen Street.
- 19. Grove Street.
- * 20. Grove Place.
- * 21. Haverhill Place.
- * 22. Larrabee Place.
- 23. Larrabee Street.
- 24. Lynde Avenue.
- 25. Lynde Street.
- * 26. Maple Road.
- 27. Maple Street.
- 28. Melrose Street.
- * 29. Melrose Street (westerly from Warren Street).
- * 30. Mountain Avenue (off 380 Washington Street).
- * 31. Mountain Avenue (from 65 Lebanon Street).

- *32. Park Avenue (from Main Street to Congress Park).
- *33. Park Avenue (opposite 51 Lebanon Street).
- *34. Park Avenue (from 63 Elm Street).
- 35. Park Street.
- 36. Poplar Street.
- 37. Prospect Street.
- 38. Sixth Street.
- *39. Thirteenth Street.
- *40. Twelfth Street.
- 41. Waverley Place (now being built and about to be accepted).
- 42. Waverley Avenue.

- Second.** Those numbered as follows are accepted streets,—2, 4, 8, 12, 13, 14, 15, 19, 23, 24, 25, 27, 28, 35, 36, 37, 38, 41 and 42.
- Third.** Those numbered as follows are not accepted streets,—1, 3, 5, 6, 7, 9, 10, 11, 16, 17, 18, 20, 21, 22, 26, 29, 30, 31, 32, 33, 34, 39 and 40.
- Fourth.** The City has no authority to change the names of unaccepted streets; but it may insist that names designated by it shall be adopted when streets are accepted.
- Fifth.** It is believed that in many cases where the city has no authority to change names such changes may be effected through appeal to the civic spirit of owners having such authority.
- Sixth.** It is believed advisable that the name "Court" be eliminated, wherever practicable, and the name "Place," or other appropriate name, be substituted therefor.
- Seventh.** We recommend that the city make changes in the following names of accepted streets,—Florence Avenue (there being a non-contiguous Florence Street); Lynde Ave. (there being a Lynde Street); Maple Street to West Foster Street, of which latter it is a continuation; Waverley Place (there being a non-contiguous Waverley Avenue).
- Eighth.** We also recommend that the names of the following accepted streets be changed with a view to eliminating all numbered streets except First Street, namely, Sixth Street and Eleventh Street. When all other number names other than "First Street" have been eliminated, there will be no objection to the continuance of the present name of "First Street."

- Ninth.** We recommend that the name of Larrabee Street be changed to Whitman Avenue, of which it is a direct but short continuation; and that if it is desired to have a street bearing the name of Larrabee, such name be applied to some other street or avenue, to be designated, for instance, Larrabee Avenue. We would retain the name of Larrabee Place.
- Tenth.** We recommend that the name "Poplar Street" be taken from all except that short portion thereof which crosses over from its union with Prospect Street to Maple Street, and that the name of Prospect Street be given to the then remaining portion of Poplar Street, extending from the present Prospect Street to West Emerson Street.
- Eleventh.** We believe it desirable that the changes to be made in the following names of unaccepted streets, as soon as practicable, in accordance with our "Fourth," "Fifth" and "Sixth" paragraphs, namely,—Appleton Place, Beacon Place, Crescent Place, Circuit Avenue, Crescent Lodge, Glen Avenue, Glen Road, Waverley Place, Mountin Avenue (off 380 Washington Street), Park Avenue (from Main Street to Converse Park) and another Park Avenue (from 53 Elm Street). We do not recommend a change in the name of Ashland Place, as this is an unaccepted continuation of Ashland Street, which will later be accepted as a part of it, when a change in numbering on this street will be necessary.
- Twelfth.** We have under consideration a plan for renaming those streets and avenues, the names of which we have recommended to be changed.

Respectfully submitted,

By the Planning Board,

AGNES L. DODGE, Secretary.

SUGGESTED STREET NAMES

Deceased Former Mayors:

Sidney H. Buttrick
Charles E. French

Oliver B. Monroe
Eugene H. Moore

Deceased Citizens:

Charles C. Barry
Liberty Bigelow
William Bogle
Calvin N. Chapin
S. S. Houghton
Charles H. Isberg

Mary A. Livermore
Daniel Norton
Joel C. Page
John C. F. Slayton
Phineas Sprague
George C. Stantial

Historic Battles:

Eutaw
Lexington

Monmouth
Saratoga

AN ORDINANCE REGULATING THE USE, CONSTRUCTION AND
LOCATION OF BUILDINGS IN THE CITY OF MELROSE, AND
DETERMINING THE DISTRICTS INTO WHICH THE CITY
SHALL BE DIVIDED FOR SUCH PURPOSES

BE IT ORDAINED AS FOLLOWS:—

Section.1. Division of Districts.

In order to promote the health, safety, convenience and welfare of its inhabitants; lessen the danger from fire; restrict buildings which are to be used for certain purposes to specified parts of the city; regulate the use, construction and alteration of buildings; and otherwise improve the City of Melrose, that city shall be divided into four districts, namely:—

- A. Single residence district, blue.
- B. General residence districts, green.
- C. Business districts, yellow.
- D. General use districts, red.

These districts and the bounds thereof shall be shown on a map of the City of Melrose to be hereafter adopted; shall be designated on such map by the colors blue, green, yellow and red, respectively; and such map, with its designation of such districts and bounds, when adopted shall be thereby made a part hereof.

Section 2. Single Residence Districts.

1. In single residence districts no new building shall be erected which shall be used or arranged, or which shall be designed to be used, for any purpose other than as a dwelling for one family; nor shall any existing building in such districts to be so altered, enlarged, extended or placed as to be used or arranged, or designed to be used, for any purpose other than as a dwelling for one family. Provided, however, that this section shall not prohibit the erection, alteration, enlargement, extension or placing of a building now being used, or thereby arranged or designed to be used, (1) as a church, school, library, museum, club (excepting clubs the chief activity of which is customarily carried on as a business), hospital, sanitarium, day-nursery, philanthropic institution, public or private greenhouse, nursery for trees or shrubs, farm, truck garden, private garage with provision for not more than two automobiles, private stable with provision for not more than two horses, or (2) for such accessory purposes as may be both proper and usual in connection with the foregoing purposes and not injurious to the neighborhood as a place for single family residences. Provided further, that this section shall not prohibit the keeping in any such dwelling of not more than three lodgers or not more than three boarders; but the Board of Appeals may upon request and after notice authorize such keeping of more than three boarders or more than three lodgers, or both, upon such conditions and for such time as it may specify.
2. There shall not be erected in any such district any new building which shall be used or arranged, or which shall be designed to be used, for human habitation, the cost of which building, above its foundation and exclusive of the lot upon which it is situated, shall, up to the time of its occupation for such habitation, have been less than twenty-five hundred dollars. In computing such cost, work done on such building by its then or prior owner may be included at a value to be fixed by the Inspector of Buildings.

Section 3. General Residence Districts.

1. In general residence districts no new buildings shall be erected which shall be used or arranged, or which shall be designed to be used, for any purpose other than as a dwelling for not more than two families; nor shall any existing building in such districts be so altered, enlarged, extended or placed as to be used or arranged, or designed to be used, for any purpose other than

as a dwelling for not more than two families. Provided, however, that this section shall not prohibit the erection, alteration, enlargement, extension or placing of a building now being used, or thereby designed to be used, (1) as a church, school, library, museum, club (excepting clubs the chief activity of which is customarily carried on as a business), hospital, sanitarium, day-nursery, philanthropic institution, public or private greenhouse, nursery for trees or shrubs, farm, truck garden, private garage with provision for not more than three automobiles, private stable with provision for not more than two horses, or (2) for such accessory purposes as may be both proper and usual in connection with the foregoing purposes and not injurious to the neighborhood as a place for family residences. Provided further, that this section shall not, in any single-family house or in any single-family portion of a two-family house, prohibit the keeping of not more than three lodgers or not more than three boarders; but the Board of Appeals may upon request and after notice authorize such keeping of more than three boarders or more than three lodgers, or both, upon such conditions and for such time as it may specify.

2. There shall not be erected in any such district any new building which shall be used or arranged, or which shall be designed to be used, for human habitation, the cost of which building, above its foundation and exclusive of the lot upon which it is situated, shall, up to the time of its occupation for such habitation, have been less than twenty-five hundred dollars. In computing such cost, work done on such building by its then or prior owner may be included at a value to be fixed by the Inspector of Buildings.

Section 4. Business Districts.

In business districts no new building shall be erected which shall be used or arranged, or which shall be designed to be used, nor shall any existing building therein be so altered, enlarged, extended or placed as to be used or arranged, or designed to be used, for any purpose other than one or more of the following:—

1. Store, salesroom or showroom, for the conduct of a wholesale or retail business; but this shall not permit the manufacture in such building of the product dealt in unless such manufacture be permitted by the further provisions of this section.
2. Bank, office, telephone exchange or post office.

3. Hall, club, theatre, dance hall, dancing school, gymnasium, or other place of amusement or assembly.
4. Place of business or manufacture of a baker, caterer, confectioner, barber, hair-dresser, manicurist, chiropodist, milliner, retail dressmaker, retail tailor, retail optician, shoe repairer, retail shoemaker, photographer, undertaker, upholsterer, electrician, plumber, printer, publisher, painter, decorator, carpenter, roofer, mason, paper-hanger, cleaner, retail dyer, hand laundry, shoe-shiner, express office, or milk bottling or distributing station.
5. Hotel, restaurant, public dining-room or lunch room.
6. Apartment house, lodging house or boarding house.
7. Any uses and accessory purposes permitted in single or general residence districts.
8. Coal yard, lumber yard, storage warehouse.
9. Blacksmith shop or horse-shoeing establishment.
10. Gasoline filling station, sale of automobile supplies and accessories.
11. Private garage for the keeping or storage of any number of automobiles.
12. Private commercial garage for the keeping or storage of any number of commercial vehicles.
13. Public garage for the keeping or storage of automobiles or commercial vehicles, but not for the repair of the same.
14. Public garage in which the repair of motor vehicles is carried on; provided there is already at least one such garage located on the same side of the street between the two nearest intersecting streets and not more than two hundred feet distant from the nearest point of the foundation wall of such proposed public garage; and provided further, that the location of such proposed garage be first approved by the Inspector of Buildings.

This section shall not be construed to authorize within such districts, but it shall prohibit therein, the storage or sale of explosives (other than in connection with the duly licensed retail sale of fireworks), and any trade, industry or use which may be or become obnoxious or offensive by reason of smoke, dust, odor, gas, noise, or similar objectionable features, or especially dangerous to a neighborhood on account of fire; except that places of amusement shall not be hereby excluded therefrom by reason of noise.

Section 5. General Use Districts.

1. In general use districts any building may be erected, altered, enlarged, extended, placed, reconstructed or used in such manner as may at that time be permitted by the law, by clause 2 of this present **Section 5**, and by other existing ordinances and regulations; provided that no new building shall be erected which shall be used or arranged or designed to be used, nor shall any existing building be so altered, enlarged, extended or placed as to be used or arranged or designed to be used, for any purpose which may be or become obnoxious or offensive to its neighborhood by reason of smoke, dust, odor, gas, noise, or similar objectionable features, or especially dangerous to its neighborhood on account of fires, or for any of the following purposes:—

1. Acetylene gas manufacturing.
2. Ammonia, bleaching powder, or chlorine manufacturing.
3. Asphalt manufacturing or refining.
4. Assaying, other than gold or silver.
5. Blast furnace.
6. Boiler making.
7. Brass, copper, iron, or steel manufacturing.
8. Brick, terra cotta, or tile manufacturing.
9. Candle manufacturing.
10. Celluloid manufacturing, treatment or storage.
11. Cement, lime, or plaster of Paris manufacturing.
12. Coke manufacturing.
13. Cremation, except in a cemetery.
14. Creosote treatment or manufacturing.
15. Dextrine, glucose, or starch manufacturing.
16. Disinfectant, insecticide, or poison manufacturing.
17. Distillation of bones, coal, or wood.
18. Dye stuff manufacturing.
19. Emery cloth or sandpaper manufacturing.
20. Enamel, japan, lacquer, oil, paint, shellac, turpentine, or varnish manufacturing.
21. Explosives, fireworks, or gunpowder manufacturing.
22. Fat rendering.
23. Fertilizer manufacturing.
24. Fish packing or storage.

25. Gasoline, naphtha, or petroleum refining.
 26. Gelatine, glue, or sizing manufacturing.
 27. Grease, lard, or tallow manufacturing or refining.
 28. Hydrochloric, nitric, picric, sulphuric or sulphurous acid manufacturing.
 29. Incineration or reduction of dead animals, garbage, offal, or refuse, except in a municipal plant.
 30. Lamp black manufacturing.
 31. Linoleum or oil cloth manufacturing.
 32. Match manufacturing.
 33. Ore reduction.
 34. Pickle, sauerkraut, sausage, or vinegar manufacturing.
 35. Potash refining.
 36. Printing ink manufacturing.
 37. Pyroxylin manufacturing.
 38. Rolling mill.
 39. Salt manufacturing.
 40. Shoe blacking, cleaning, or polish manufacturing.
 41. Slaughtering of animals or fowls.
 42. Smelting of ores.
 43. Soap manufacturing.
 44. Soda and soda compounds manufacturing.
 45. Stockyards.
 46. Stove blacking or polish manufacturing.
 47. Sugar refining.
 48. Tanning, curing or storage of leather, raw hides or skins.
 49. Tar distillation or manufacturing.
 50. Tar roofing or tar waterproofing manufacturing.
 51. Tobacco (chewing) manufacturing.
 52. Yeast manufacturing.
2. There shall not be erected in any such district any new building which shall be used or arranged, or which shall be designed to be used, for human habitation, the cost of which building, above its foundation and exclusive of the lot upon which it is situated, shall, up to the time of its occupation for such habitation, have been less than twenty-five hundred dollars. In computing such cost, work done on such building by its then or prior owner may be included at a value to be fixed by the Inspector of Buildings.

Section 7. Height Restrictions in Business and General Use Districts.

In business districts and in general use districts no building except a church shall be constructed, altered, enlarged, extended, placed, reconstructed or raised so as to contain more than four stories, or to exceed in any part a height of sixty feet, without the approval of the Board of Appeals after notice; but this section shall not be construed to prohibit towers, domes, cupolas, pent-houses, accessories, and ornamental features of non-residential buildings from being erected to a greater height in feet provided the same be approved by the Board of Appeals; or chimneys, ventilators and flagpoles from being erected to a greater height in feet, provided the same be approved by the Inspector of Buildings.

Section 8. Area and Frontage of Residences in Residence Districts.

In single residence districts and in general residence districts, no building or buildings on any one lot, including accessory buildings, cornices, piazzas, balconies and similar constructions, steps excepted, shall be so constructed, altered, enlarged, extended, placed or reconstructed as to occupy more than forty per cent of the area of such lot or to be nearer than seven and one-half feet to any street or to the line of any adjoining lot or to be nearer than twenty feet to the wall of any other building. Accessory buildings may be located as near the side and rear lines of such lots as may be permitted by the building ordinances, provided in the case of an interior lot all parts thereof be kept back at least fifty feet from the front street line of such lot, and provided in the case of a corner lot all parts thereof be kept back at least fifty feet from the shorter street line of such lot and as far back from the longer street line of such lot as the depth of such lot from such longer street line will permit consistently with the provisions of this section and with the building ordinances. But the Board of Appeals may upon request and after notice exempt any such accessory building from the restrictions of one or both of these two provisions upon such conditions and for such time as it may specify. These measurements shall be taken at the mean ground level, and no measurements of lot area shall include any part of a street or alley.

Section 9. Set-Back Restrictions in Residence Districts.

1. Except as permitted by clause 2 of this Section, in single residence districts the set-back line shall be twenty-five feet, and in general residence districts the set-back line shall be fifteen feet.

2. In single residence districts and in general residence districts, where at least one-half of the buildings on any one side of the street between the two nearest intersecting streets and not more than two hundred and fifty feet from the building which it is proposed to erect are set back to at least a certain minimum distance, the set-back line of any new building erected, or of any existing building altered, placed or re-constructed shall be the line of such minimum distance.
3. For the purposes of this section the distance to a street shall be from the nearest point of the foundation wall of the building.

Section 10. Residence Area Restrictions in Business and General Use Districts.

In business districts and in general use districts, no building used, or designed to be used, for residence purposes and no story used, or designed to be used for residence purposes, shall be so constructed, altered, enlarged, extended, placed or re-constructed that the total area of any floor or floors used for residence purposes on the same general level in all the building on that lot taken together shall exceed sixty per cent of the area of an interior lot or eighty per cent of the area of a corner lot.

Section 11. Ventilation Restrictions.

No new building shall be so constructed, and no existing building shall be so altered, enlarged, extended, placed or re-constructed, in any district, that any room therein used, or designed to be used, for residence or sleeping purposes shall be without at least one window opening directly on the outside air, with an unoccupied space opposite and outside the full width of such window of not less than ten feet, measured horizontally outward at right angles to such window, and at every point opening vertically from the ground to the sky unobstructed. The total window area in each such room shall be at least one-seventh of the superficial area of such room; the top of at least one window shall be not more than eighteen inches below the ceiling and the upper half of it shall be made so as to open its full width; and at least one such window shall be not less than twelve square feet in area between the stop-beads.

Section 12. Effect of Changes in Shape or Size of Lots.

Whenever in any district a lot, upon which there stands a building, is changed in size or shape so that such building no longer complies with such of the provisions of sections 8, 9, 10 and 11 of this ordinance as are applicable thereto, such building and its accessories,

respectively, shall not thereafter be used until the same are severally so altered, re-constructed or re-located as to comply with those provisions of said sections which are applicable thereto. But this section shall not apply to a lot upon the taking of a portion thereof by right of eminent domain so long as no building is erected or placed on that portion of the lot so taken.

Section 13. Determination of District Boundaries.

A. General Rule. In general the exact location of boundary lines shown on the map which is to be made a part of this ordinance shall be determined as follows:—

1. Where the boundary lines are shown on such map to be on or within the street lines of public or private streets or ways, the center lines of such streets or ways shall be taken as the boundary lines.
2. Where the boundary lines are shown as approximately on the location of property or lot lines, and the exact position of such boundary lines is not indicated by means of figures, distances or otherwise, such property or lot lines shall be taken as the boundary lines.
3. Boundary lines located at specified distances from street lines are to be taken generally as parallel to such street lines; all figures placed on such map between boundary lines and street lines are the distances in feet of such boundary lines from such street lines; and all such distances are to be measured at right angles to such street lines unless otherwise indicated.
4. In all cases which are not otherwise covered by the provisions of this section, the location of boundary lines shall be determined by the distance in feet, if given, from other lines on such map, or, if not given, by the scale of such map.

B. Special Cases.

5. Where a district boundary line divides a lot which at the time of the passage of this ordinance is of single ownership, the regulations for the less restricted portion of such lot shall extend to the entire lot; provided, however, that the line of the thus less restricted portion shall not extend more than twenty-five feet beyond the boundary line of the more restricted district as shown by such map.
6. Whenever a street, other than a boulevard or parkway not under jurisdiction of this City, is so widened as to be within one hundred feet of the boundary line of a more restricted

district, the less restricted district shall thereupon extend one hundred feet back from the so widened street, and such change in the district boundary lines shall have the same force and effect as though separately ordained.

C. Settlement of Uncertainties.

7. Whenever any uncertainty exists as to the exact location of any boundary line, the location of such boundary line shall be determined by the Inspector of Buildings subject to an appeal to the Board of Appeals by any person aggrieved by his decision.

Section 14.

1. Enforcement.

This ordinance shall be enforced by the Inspector of Buildings; and he shall issue no permit for the construction, alteration, reconstruction or placing of any buildings or structures, or of any part thereof, plans, specifications and intended use for which are not in all respects in conformity with the provisions of this ordinance. If the designed or intended use, owing to their nature or to the vagueness of their statement, fall within those designs or uses which are restricted in more than one of the four districts established by Section 1 of this ordinance, such building or structure shall not be permitted to be within any part of any district in which such design or use is prohibited.

2. Notice of Granting Permits.

On granting any permit under this ordinance, which permit may affect the property of any person other than the grantee of such permit, the Inspector of Buildings shall, within twenty-four hours from granting such permit, cause adequate notice of the nature of such permit to be posted in a conspicuous place or places and upon the property to which it refers in one or more places adjacent, if practicable to the street or streets upon which the property is located; and shall also within a like period send like notice by mail to the owner or owners of all property abutting on or directly across the street from property to which it refers. In case of uncertainty as to who any such owner may be, the name and address of the owner as last shown by the records of the Tax Assessors of this City shall be deemed sufficient.

3. If the Inspector of Buildings has reason to believe that this ordinance is being violated, he shall thereupon forthwith call such alleged violation to the attention of the delinquent party, in writing, and if the delinquent fails to correct such violation at once, the Inspector of Buildings shall thereupon report the matter to the City Solicitor, who shall take, or cause to be taken, such action as may be appropriate in the premises, by complaint before the District Court, by application to the Superior Court, for an injunction, or in such other manner as seems likely to be most effective. It shall be the duty of the Inspector of Buildings to render to the City Solicitor all such proper assistance as may be practicable in the premises, by making complaint to court, or otherwise.

Section 15 Certificates of Conformity.

1. It shall be unlawful to use or permit the use of any building or part thereof which is hereafter erected, altered, enlarged, extended, placed, raised or reconstructed, wholly or in part, or re-arranged or converted in its use, until there shall have been issued by the Inspector of Buildings a certificate of conformity to the effect that such building or part thereof as so erected, altered, enlarged, extended, placed, raised or reconstructed, and such changed or converted and proposed use thereof, conform to the provisions of this ordinance and to any amendments thereof. It shall be the duty of the Inspector of Buildings to issue such certificate of conformity within ten days after a request for the same is filed in his office by any owner, or by any lessee (by parol or in writing), of a building affected by this ordinance provided said building or the part thereof so erected, altered, enlarged, extended, placed, raised or re-constructed, and the proposed use thereof, conform to the provisions of this ordinance. Such certificate of conformity may include an occupation permit.
2. There shall be charged for each certificate of conformity for a single family dwelling and uses accessory thereto a fee of one dollar, and for all other uses a fee of two dollars. Such fees shall be paid into the city treasury and credited to the general city fund.
3. Pending the issuance of a regular certificate, a temporary certificate of conformity may be issued, to be valid for a period not exceeding six months, during the completion of alterations, enlargements or extensions, or during the partial use or occupation of a building pending its completion. Such tem-

porary certificates shall not be issued except under such restrictions and provisions as will adequately insure the safety of those using or occupying such building and also the public. No temporary certificates shall be issued so long as such building fails to conform to the provisions of the building ordinance to such a degree as to render it unsafe for the use or occupation proposed.

4. If the conditions of use or occupation of any building or of any part thereof, are substantially changed, or so changed as not to be in conformity with the conditions required by a temporary or regular certificate issued therefor, or if the shape or size of the lot upon which a building is located is changed, or if the window area of the ventilation space of a room used for residence or sleeping purposes within a business or general use district shall be reduced, said certificate shall be void and the owner shall notify the Inspector of Buildings who shall order an inspection of such building or lot. If the building then conforms to all the requirements of the then existing building ordinance and of this ordinance as it then stands amended, a new certificate shall be issued as herein provided.
5. If, on any inspection the conditions of a building, or of its use or occupation, are found not to conform to the requirements of the then building ordinance or of this ordinance as it then stands amended, or to the conditions of an existing certificate therefor, the Inspector of Buildings shall at once issue written notice to the owner, specifying the manner in which the building, or its use or occupation, fails to so conform, and the owner shall at once take steps to make it so conform, as directed by the Inspector of Buildings; and, if it is necessary for the proper protection of its occupants or of the public, he shall order the use or occupation of such building modified, or the building vacated, until its condition is made satisfactory in conformity with the then building ordinance and with this ordinance as it then stands amended, at which time a certificate shall be issued as herein provided.

Section 16. Board of Appeals.

1. A Board of Appeals is hereby established, which shall consist of the chairman of the Planning Board, the chairman of the Board of Survey, the chairman of the Committee on Protection and Licenses of the Board of Aldermen, the chairman of the Board of Health, and the chief of the Fire Department.

The Inspector of Buildings shall be *ex officio* the secretary of the Board of Appeals, but shall have no vote. Members of this Board shall serve without additional pay, but their expenses shall be paid under an item in the Department of Inspector of Buildings budget. Meetings of this Board shall be held at stated times at least once in each month, except that any such regular meeting may be omitted in case of a written notice by its Secretary to its members, mailed not exceeding three days prior to the date fixed for a given meeting, that at the time of such mailing there is no business to be transacted at the meeting to which such notice refers. Meetings shall also be had at such other times as such Board may determine or upon call of its Chairman or Secretary. The presence of at least three members shall be necessary for a quorum, and all meetings of such Board shall be public.

2. The Board of Appeals may from time to time require any appellant or petitioner to it to file with it, within a reasonable time from its written request therefor, such plans and information as it may consider necessary for its decision thereon.

Section 17. Appeals.

1. Any person aggrieved under this ordinance by any decision of the Inspector of Buildings may appeal therefrom to the Board of Appeals by giving notice thereof in writing to the Inspector of Buildings or to the chairman of such Board. Such notice shall be so delivered in hand or mailed by registered mail, in either case within five days of the action from which the appeal is taken. The date of such mailing shall be considered the date of giving such notice in cases where the method of mailing is adopted.
2. The Inspector of Buildings upon receipt from the appellant, or from the Chairman of the Board of Appeals, of any such appeal, shall forthwith give notice thereof in writing to each member of such Board.
3. The Board of Appeals shall thereafter, within one month from receipt by its chairman of written notice of such appeal, hold a public hearing thereon.
4. The Board of Appeals shall give, or require the appellant to give notice of such hearing by posting notice thereof in a conspicuous place or places on the property which is included

in the subject matter of the decision from which the appeal is taken, and by sending written notice thereof to the owners of other property affected by such decision, all as provided by clause 1 of **Section 14** of this ordinance; and it may prescribe the method of proving such notice. The Board of Appeals may also, for sufficient reason, require the appellant to make one publication of notice of such hearing in a newspaper having circulation in this city, and whenever such publication is made it shall of itself be sufficient notice to the owners of all other property affected by such decision.

5. The Board of Appeals, after such hearing, may reverse, affirm or modify the decision appealed from, and may thereupon make such further order as the necessities of the case may require.
6. The Board shall keep a record of its proceedings, which shall show how each member voted, or his failure to vote, on any petition, request or appeal.
7. Other city departments shall render the Board such assistance as it may reasonably request.
8. The Mayor and any member of this Board or of the Board of Aldermen or of the Planning Board, shall have a like right of appeal from any decision of the Inspector of Buildings under this ordinance; but no appellant shall vote upon the disposition of his appeal.

Section 18. Definitions.

The following words used in this ordinance shall have the following meanings:—

1. **Private stable.** A building or part of a building in which one or more horses are kept for the private use of the owner or tenants of the lot upon which it is situated; or a building or part of a building in which space is let for the keeping of not more than two horses.
2. **Gasoline filling station.** A building, part of building, lot or part of lot used, in connection with tanks, pumps or other appliances, for supplying motor vehicles with gasoline, compressed air, oil, grease, water and similar supplies; but not for making repairs or for storing or parking motor vehicles.
3. **Private garage.** A building or part of a building in which one or more motor vehicles are kept or stored for the private use of the owner or tenants of the lot upon which it is situated,

and not for sale; or a building or part of a building in which space is let for the keeping or storage of not more than two motor vehicles.

4. **Group garage.** A building or part of a building, or group of buildings, other than a private garage, made up of units containing provision for keeping or storing not more than two motor vehicles in each unit; but in which no motor vehicles are kept for sale, rent, hire, exhibition or demonstration, or for the carrying of merchandise for profit.
5. **Private commercial garage.** A building or part of a building in which one or more commercial motor vehicles or trucks are kept or stored for the sole use of the person or persons who use or occupy as a place of business, manufacture or industry the building to which such garage is an accessory or of which such garage is a part.
6. **Public garage.** Any other building or part of a building in which motor vehicles are kept or stored, or in which repairs are made to motor vehicles, or in which heavy machinery is used in connection with making or repairing motor vehicles, or which is used for an automobile school or for a motor vehicle paint shop.
7. **Corner lot.** A lot situated at the junction of two streets, each of which streets is not less than twenty feet wide. Any part of the width of such lot distant more than seventy feet from such junction shall not be regarded as part of a corner lot, but shall be subject to the provisions of this ordinance respecting interior lots.
8. **Interior lot.** Any lot or part of a lot other than a corner lot.
9. **Height.** The perpendicular distance measured in a straight line from the mean curb level in business and in general use districts and also in other districts, except in single and general residence districts when the mean finished grade of the lot is higher than the curb when it shall be from such mean finished grade, measured in all cases to the highest point of the roof beams, not including in such measurements of height cornices which do not extend more than five feet above the highest point of the roof beams, nor inclosures for the machinery of elevators which enclosures do not exceed fifteen feet in height from the highest point of the roof beams, nor inclosures for tanks which inclosures do not ex-

ceed twenty feet in height above the highest point of the roof beams nor exceed in united area ten per cent of the roof area at its mean level.

10. **Street.** Any right of way dedicated to a public use, public alley, railroad right of way, cemetery or public park, which, in any case, is twenty feet or more in width.
11. **Person aggrieved, or whose property is affected.** These words shall in every case include not only the applicant to the Inspector of Buildings under this ordinance, but also the owners of land abutting on the land which is included in the subject matter of such application, but also the owners of all other land abutting thereon or directly across the street therefrom. But this shall not exclude from the right of appeal any other person whose property rights may in the opinion of the Board of Appeals be affected by a decision of the Inspector of Buildings.
12. **Notice.** Written notice to all persons aggrieved or whose property is affected, which notice shall specify the time and place of the hearing to be had upon the subject matter thereof. Such notice shall be given in accordance with the provisions of clause 4 of **Section 17** of this ordinance. In case of uncertainty as to the name or address of any person entitled to notice, the name and address last appearing on the records of the Board of Assessors of this City shall be sufficient.
13. **Oznnoxious, offensive, injurious, objectionable and dangerous.** These words shall each be interpreted as in the opinion of the Inspector of Buildings, subject to revision by the Board of Appeals after notice.

Section 19. Building Construction Already in Progress.

Nothing herein contained shall require any change in the plans as filed, construction or intended use of the building for which a building permit has heretofore been issued and the construction of which shall have been diligently prosecuted within six months from the date of such permit, and the ground story framework of which, including the second tier of beams, shall have been completed within such six months, and which entire building shall be completed according to such plans within two years from the date of the passage of this ordinance; nor shall anything in this ordinance prevent the restoration of a wall declared unsafe by the Inspector of Buildings.

Section 20. Construction of this Ordinance.

1. Nothing herein contained shall be so constructed as to repeal or modify any existing ordinance or regulation of this City excepting in so far as plainly inconsistent therewith, but shall be deemed to be an addition thereto. Such repeal or modification shall also be subject to the validity thereof and to Section 21 hereof.
2. All questions arising under this ordinance are to be decided by the Inspector of Buildings except as otherwise therein provided, but with a right of appeal to the Board of Appeals from such decision.

Section 21. Partial Invalidity.

If any section, subdivision, clause or provision of this ordinance shall be adjudged invalid, such adjudication shall apply only to the section, subdivision, clause or so provision adjudged and the rest of this ordinance shall remain valid and effective; and if any such section, clause or provision shall be adjudged invalid, which section, clause or provision would have been valid if it had not applied to general use districts, such section, clause or provision shall remain valid and effective as to all districts except general use districts.

FINANCIAL STATEMENT

Appropriations:		\$150.00
Paid Samuel G. Potter for printing 100 copies of report for the year 1921.....	\$25.00	
Paid for membership in the Massachusetts Federation of Planning Boards for the year 1922-23	10.00	
Reimbursed Robert L. Briggs for expense in copying a zoning ordinance	10.00	
Paid Sara K. Grimes for typing copies of proposed zoning ordinance	8.00	
Paid for typing further copies of the zoning ordinance requested by the Committee on Protection and Licenses	6.00	
Reimbursed Frank H. Noyes on his expense for paper, stenography and typing in con- nection with preparing zoning ordinance and annual reports	9.01	
Paid Samuel G. Potter for printing 100 copies of report for the year 1922	80.00	
Paid for postage	1.99	
Total		\$150.00

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